

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
 Data File : BP025811.D
 Acq On : 22 Sep 2025 13:31
 Operator : CG/JU
 Sample : PB169751BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169751BS

Quant Time: Sep 22 14:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	227083	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	855638	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	515832	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	982506	20.000	ng	0.00
76) Chrysene-d12	21.624	240	846204	20.000	ng	-0.02
86) Perylene-d12	24.977	264	924160	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1641887	116.665	ng	0.00
7) Phenol-d6	6.960	99	2021840	108.084	ng	0.01
23) Nitrobenzene-d5	8.896	82	1353220	69.763	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	704482	109.494	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2833159	73.132	ng	0.00
79) Terphenyl-d14	19.901	244	3841340	81.665	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	193955	32.836	ng	99
3) Pyridine	3.708	79	544613	33.485	ng	96
4) n-Nitrosodimethylamine	3.614	42	297145	38.718	ng	96
6) Aniline	7.090	93	699544	27.242	ng	98
8) 2-Chlorophenol	7.337	128	646729	41.889	ng	99
9) Benzaldehyde	6.908	77	173048	15.434	ng	97
10) Phenol	6.984	94	806096	40.867	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	640401	40.411	ng	96
12) 1,3-Dichlorobenzene	7.643	146	704328	40.083	ng	99
13) 1,4-Dichlorobenzene	7.784	146	716107	40.008	ng	99
14) 1,2-Dichlorobenzene	8.096	146	686156	39.460	ng	100
15) Benzyl Alcohol	7.996	79	575697	37.244	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1007141	38.862	ng	99
17) 2-Methylphenol	8.213	107	532402	40.035	ng	99
18) Hexachloroethane	8.819	117	275937	40.360	ng	99
19) n-Nitroso-di-n-propyla...	8.549	70	485790	37.233	ng	99
20) 3+4-Methylphenols	8.537	107	693921	37.259	ng	98
22) Acetophenone	8.566	105	947264	41.427	ng	# 99
24) Nitrobenzene	8.937	77	722471	41.518	ng	99
25) Isophorone	9.466	82	1312573	38.498	ng	99
26) 2-Nitrophenol	9.643	139	339954	44.002	ng	91
27) 2,4-Dimethylphenol	9.713	122	568496	41.943	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	819565	41.585	ng	100
29) 2,4-Dichlorophenol	10.196	162	572348	42.352	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	642762	42.203	ng	97
31) Naphthalene	10.566	128	1860389	40.324	ng	99
32) Benzoic acid	9.902	122	385203	38.226	ng	97
33) 4-Chloroaniline	10.684	127	440215	22.892	ng	99
34) Hexachlorobutadiene	10.849	225	411713	41.993	ng	100
35) Caprolactam	11.484	113	175277	33.646	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	620495	38.512	ng	96
37) 2-Methylnaphthalene	12.178	142	1166457	39.364	ng	99
38) 1-Methylnaphthalene	12.401	142	1209400	38.273	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	703611	45.014	ng	99
41) Hexachlorocyclopentadiene	12.525	237	704261	82.725	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	457063	44.479	ng	99

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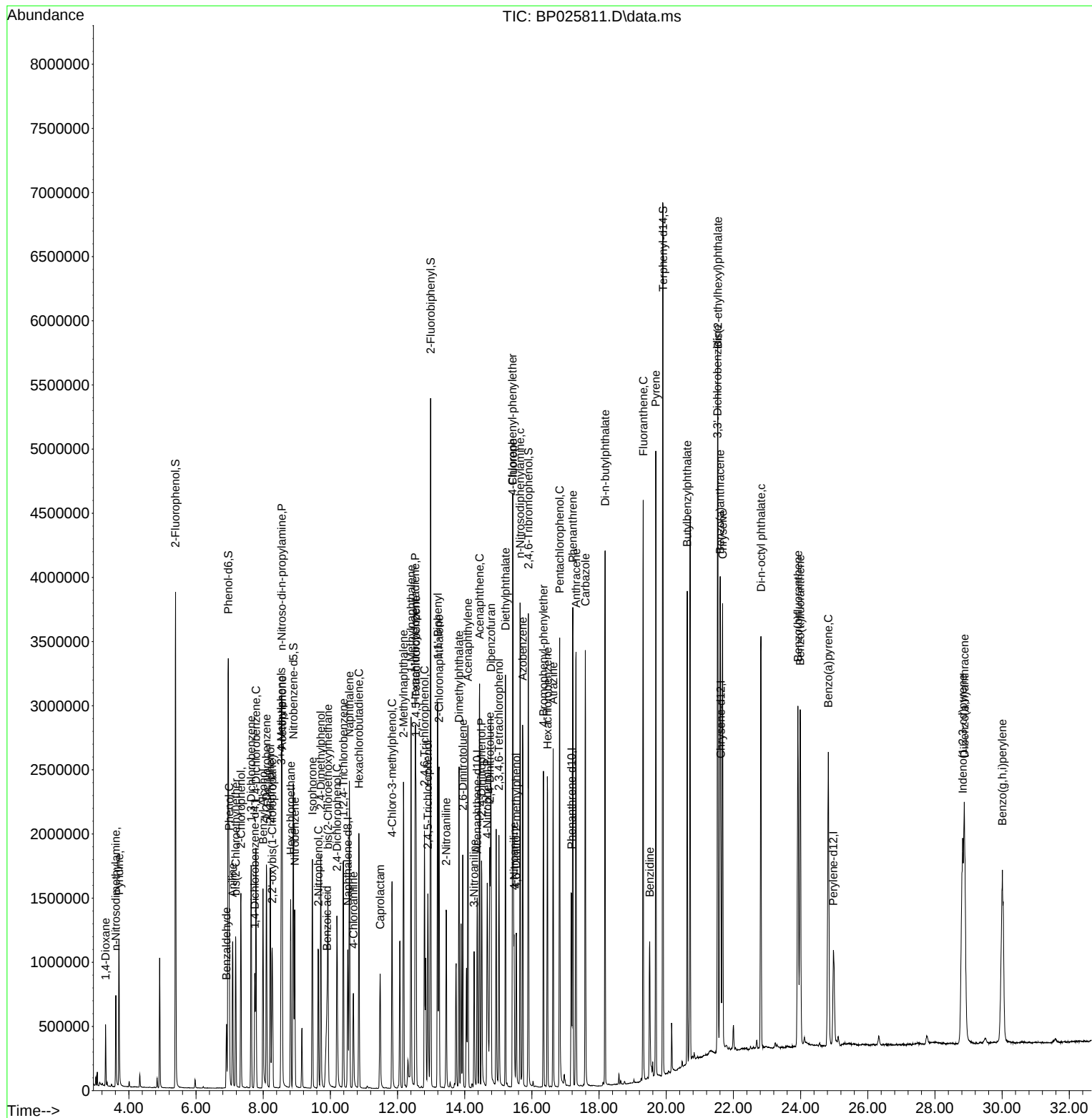
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	498727	43.609	ng	99
46) 1,1'-Biphenyl	13.195	154	1649547	43.567	ng	99
47) 2-Chloronaphthalene	13.237	162	1275999	42.800	ng	98
48) 2-Nitroaniline	13.448	65	413099	41.568	ng	99
49) Acenaphthylene	14.095	152	2054959	41.601	ng	100
50) Dimethylphthalate	13.831	163	1586950	40.296	ng	100
51) 2,6-Dinitrotoluene	13.942	165	344757	41.320	ng	98
52) Acenaphthene	14.442	154	1176625	41.305	ng	99
53) 3-Nitroaniline	14.278	138	273565	31.179	ng	94
54) 2,4-Dinitrophenol	14.501	184	420640	77.687	ng	97
55) Dibenzofuran	14.778	168	1898017	40.881	ng	99
56) 4-Nitrophenol	14.672	139	458531	61.767	ng	95
57) 2,4-Dinitrotoluene	14.748	165	497072	41.861	ng	94
58) Fluorene	15.437	166	1472687	39.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	426554	41.405	ng	98
60) Diethylphthalate	15.213	149	1607498	40.240	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	761543	40.930	ng	98
62) 4-Nitroaniline	15.466	138	362845	40.367	ng	96
63) Azobenzene	15.725	77	1560760	40.407	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	289829	44.357	ng	96
66) n-Nitrosodiphenylamine	15.648	169	1330287	44.244	ng	100
67) 4-Bromophenyl-phenylether	16.342	248	480960	44.559	ng	99
68) Hexachlorobenzene	16.466	284	525199	43.633	ng	93
69) Atrazine	16.631	200	472104	41.077	ng	97
70) Pentachlorophenol	16.825	266	651481	82.007	ng	99
71) Phenanthrene	17.219	178	2321967	41.662	ng	99
72) Anthracene	17.313	178	2371018	41.929	ng	100
73) Carbazole	17.589	167	2161597	41.116	ng	99
74) Di-n-butylphthalate	18.178	149	2791674	43.270	ng	100
75) Fluoranthene	19.313	202	2587602	38.712	ng	100
77) Benzidine	19.507	184	897448	36.818	ng	99
78) Pyrene	19.689	202	2673282	47.346	ng	99
80) Butylbenzylphthalate	20.624	149	1181432	47.721	ng	99
81) Benzo(a)anthracene	21.601	228	2478490	42.783	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	784250	39.151	ng	99
83) Chrysene	21.677	228	2357492	42.689	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1716081	47.379	ng	99
85) Di-n-octyl phthalate	22.818	149	2895502	44.941	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3324095	49.461	ng	# 76
88) Benzo(b)fluoranthene	23.918	252	2536133	44.876	ng	99
89) Benzo(k)fluoranthene	23.989	252	2575014	44.652	ng	99
90) Benzo(a)pyrene	24.824	252	2516528	45.470	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	2737297	49.771	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2722122	50.329	ng	99

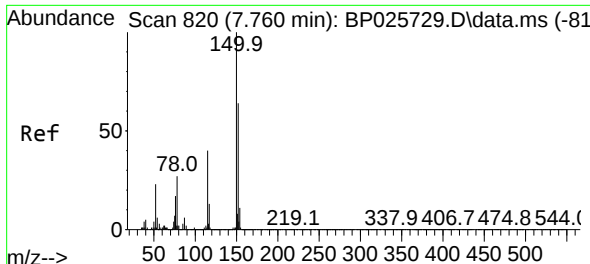
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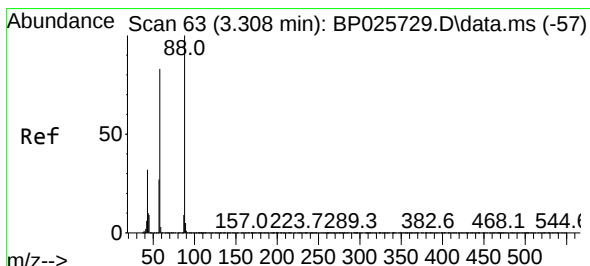
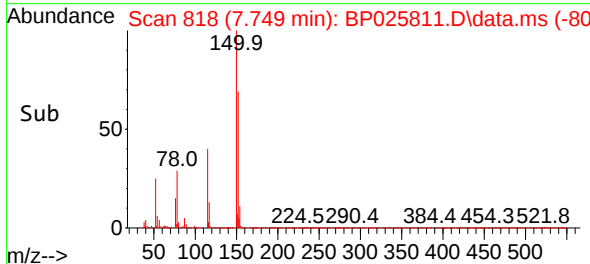
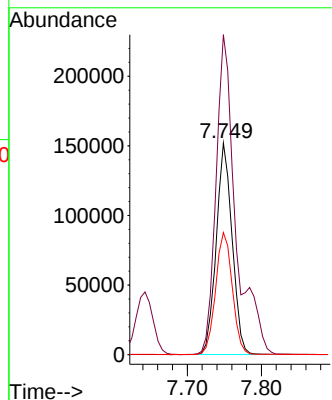
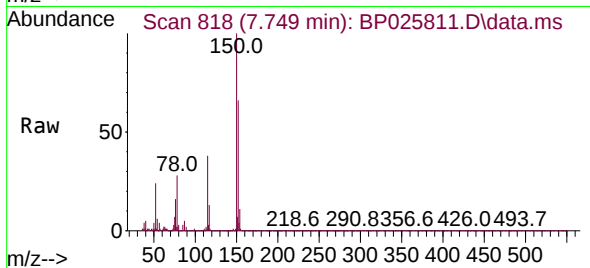




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025811.D
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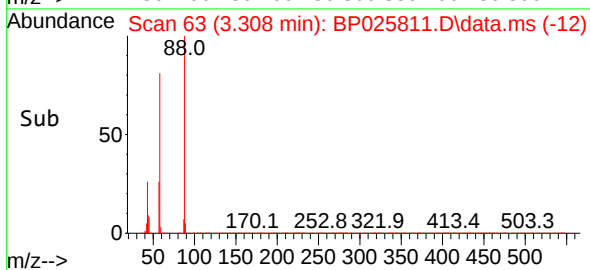
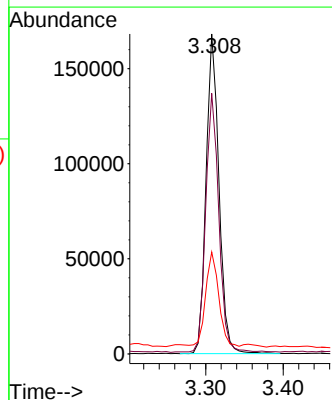
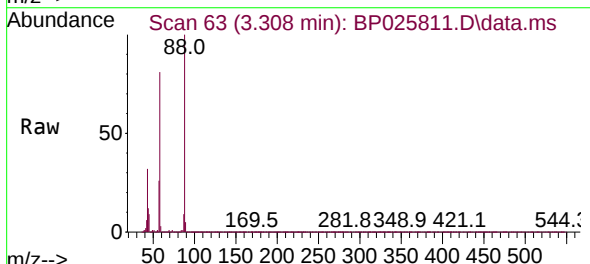
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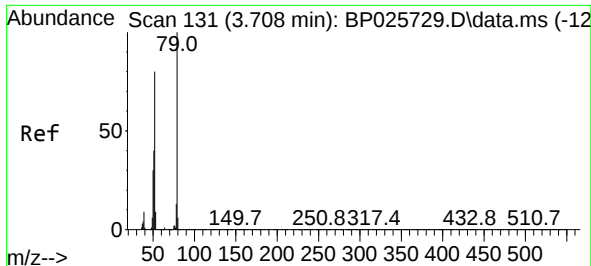
Tgt Ion:152 Resp: 227083
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.3 186.5
 115 57.7 50.3 75.5



#2
 1,4-Dioxane
 Concen: 32.836 ng
 RT: 3.308 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BP025811.D
 Acq: 22 Sep 2025 13:31

Tgt Ion: 88 Resp: 193955
 Ion Ratio Lower Upper
 88 100
 58 83.0 65.5 98.3
 43 30.4 25.2 37.8

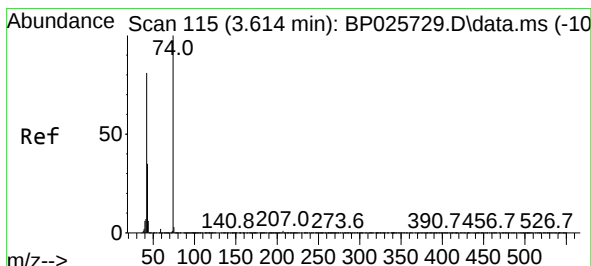
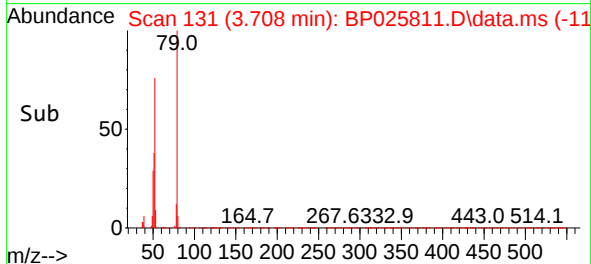
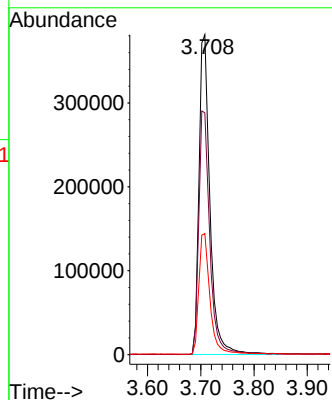
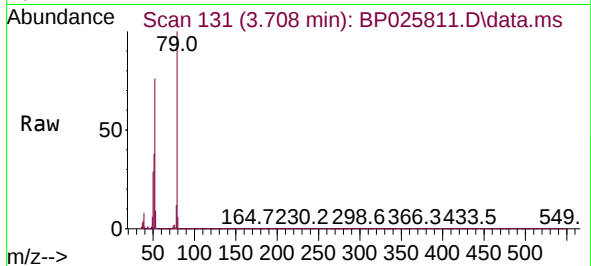




#3
Pyridine
Concen: 33.485 ng
RT: 3.708 min Scan# 131
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

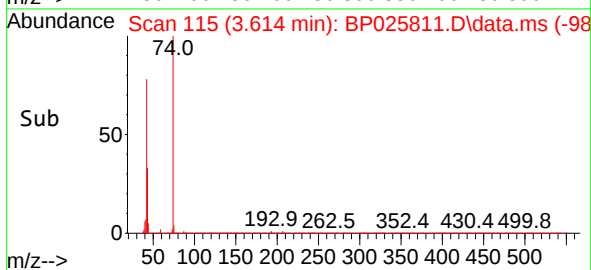
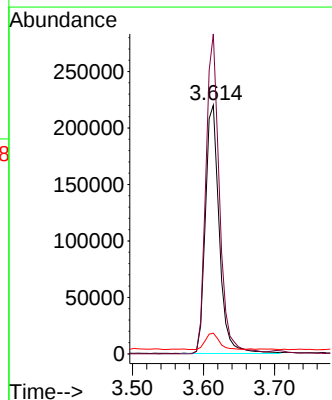
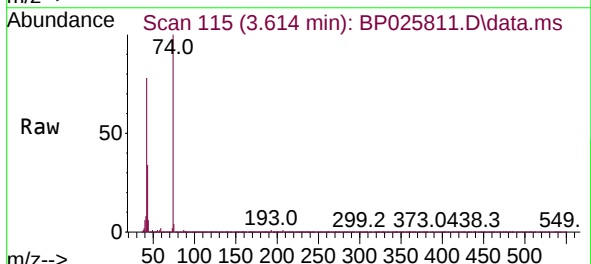
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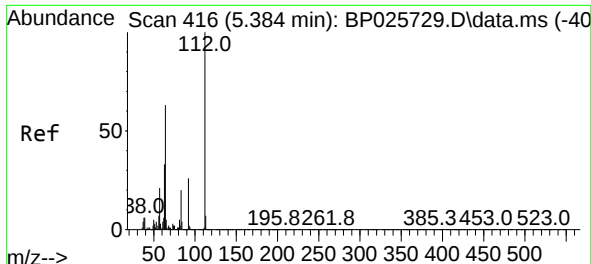
Tgt Ion: 79 Resp: 544613
Ion Ratio Lower Upper
79 100
52 75.6 63.7 95.5
51 37.8 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 38.718 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 42 Resp: 297145
Ion Ratio Lower Upper
42 100
74 128.6 99.2 148.8
44 8.4 6.4 9.6

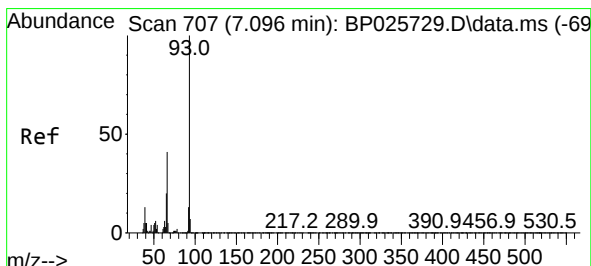
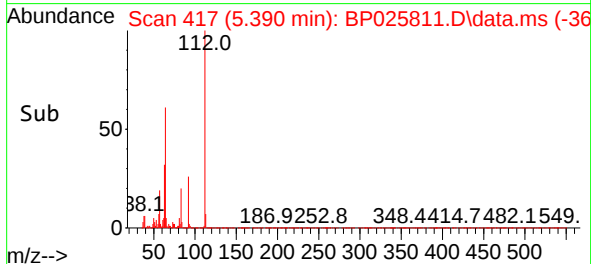
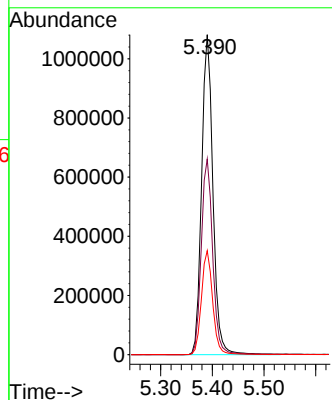
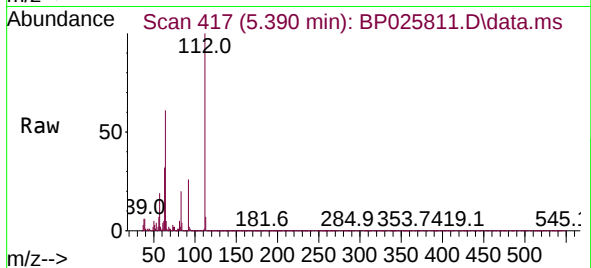




#5
2-Fluorophenol
Concen: 116.665 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

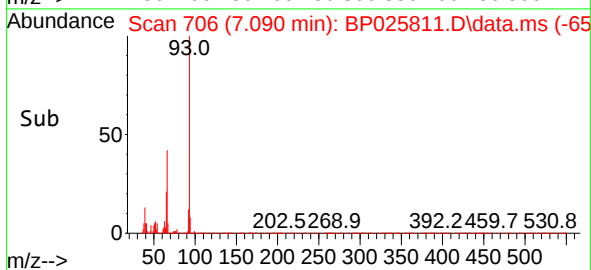
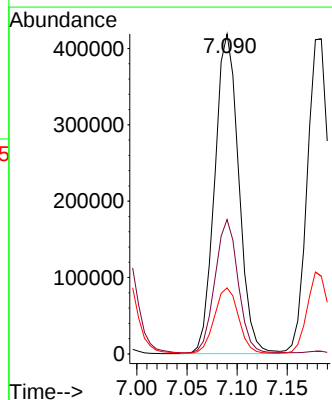
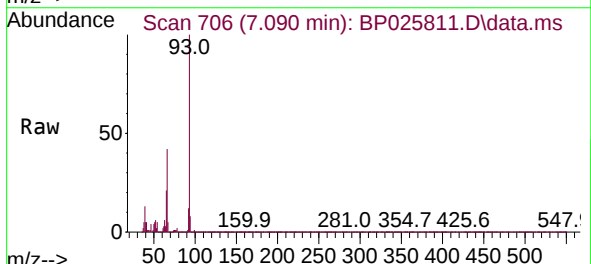
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Tgt Ion:112 Resp: 1641887
Ion Ratio Lower Upper
112 100
64 61.1 50.2 75.4
63 32.5 26.7 40.1



#6
Aniline
Concen: 27.242 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 93 Resp: 699544
Ion Ratio Lower Upper
93 100
66 42.0 32.6 49.0
65 20.6 16.2 24.2

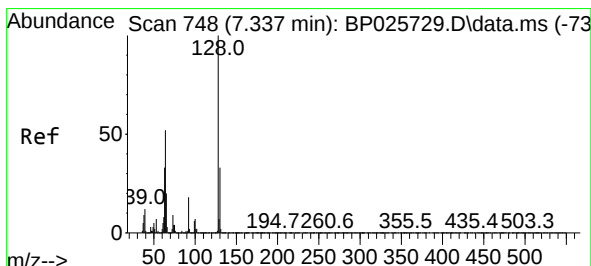
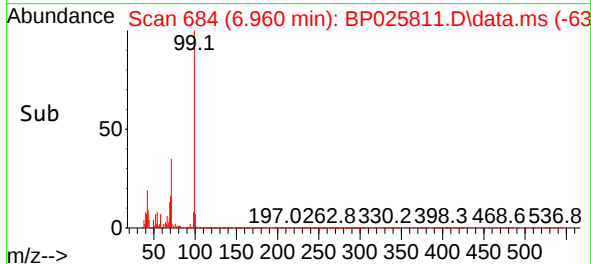
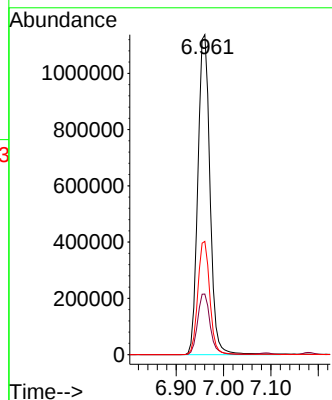
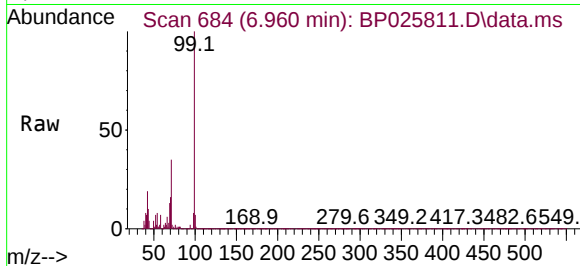




#7
Phenol-d6
Concen: 108.084 ng
RT: 6.960 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

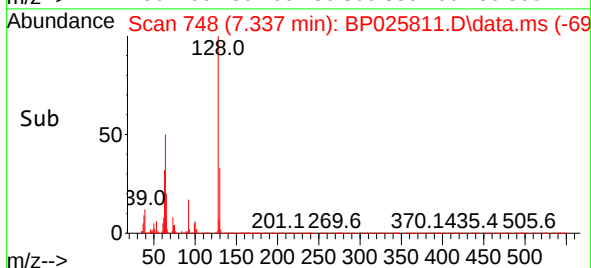
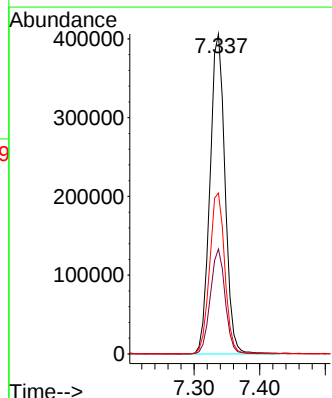
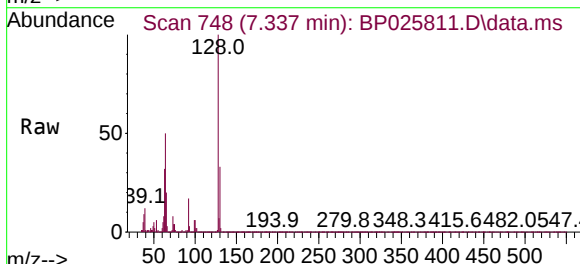
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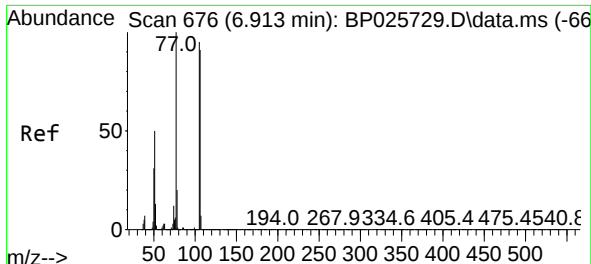
Tgt Ion: 99 Resp: 2021840
Ion Ratio Lower Upper
99 100
42 18.9 15.6 23.4
71 35.4 28.6 43.0



#8
2-Chlorophenol
Concen: 41.889 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:128 Resp: 646729
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 50.3 31.6 71.6

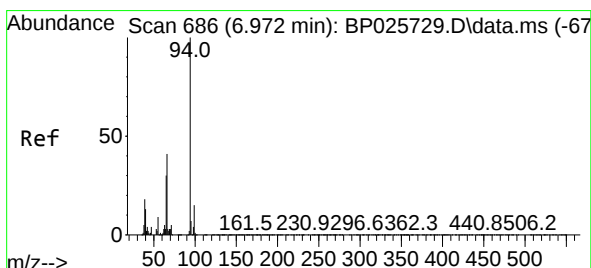
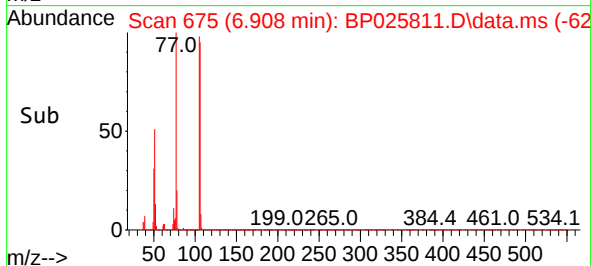
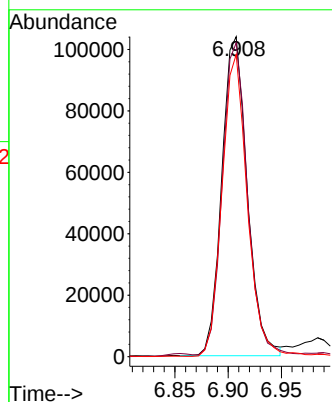
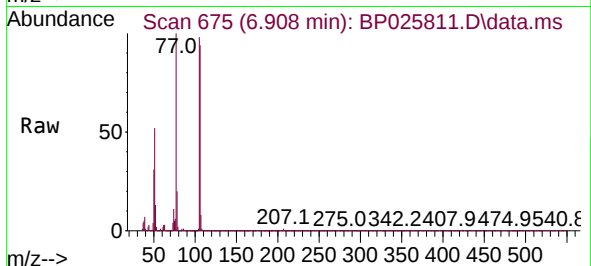




#9
Benzaldehyde
Concen: 15.434 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025811.D
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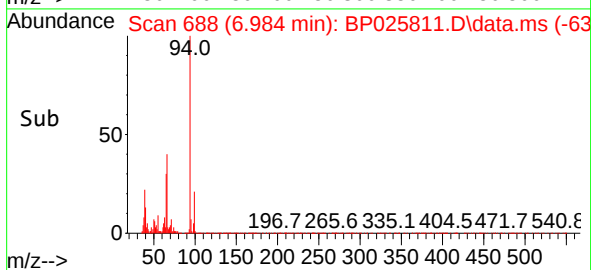
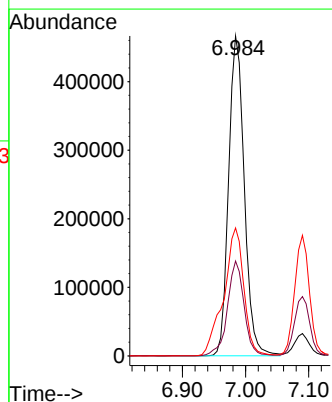
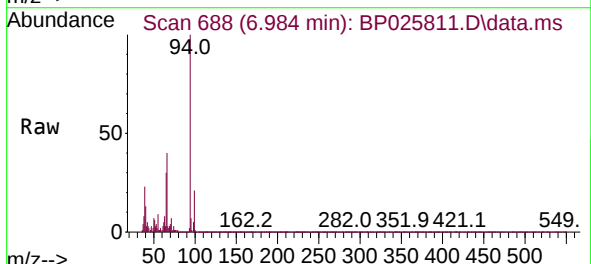
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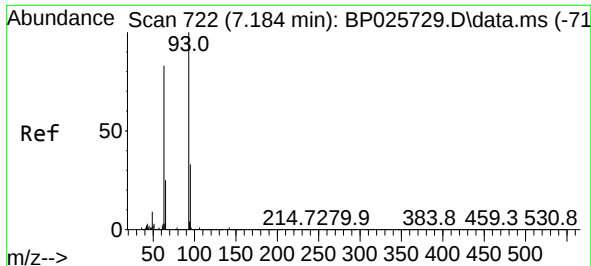
Tgt Ion: 77 Resp: 173048
Ion Ratio Lower Upper
77 100
105 98.0 75.2 115.2
106 94.4 71.3 111.3



#10
Phenol
Concen: 40.867 ng
RT: 6.984 min Scan# 688
Delta R.T. 0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 94 Resp: 806096
Ion Ratio Lower Upper
94 100
65 29.6 10.2 50.2
66 40.0 21.4 61.4

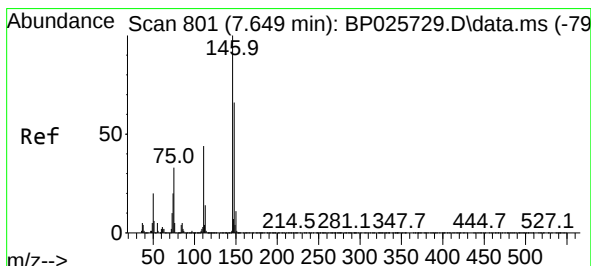
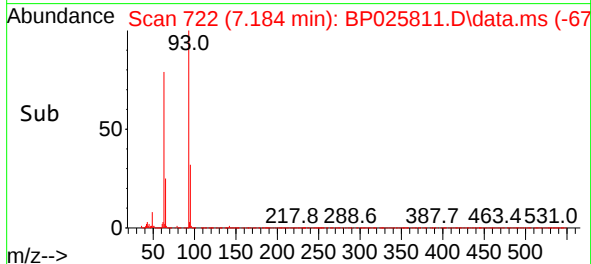
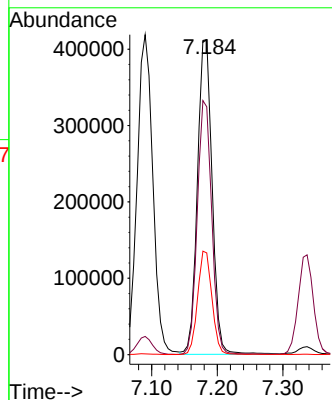
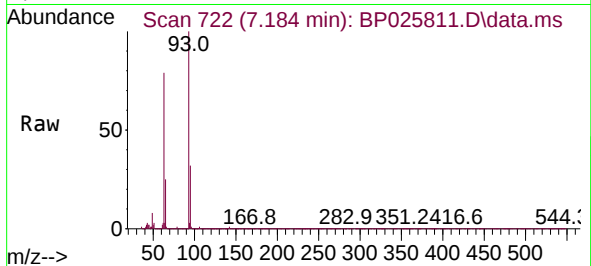




#11
bis(2-Chloroethyl)ether
Concen: 40.411 ng
RT: 7.184 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

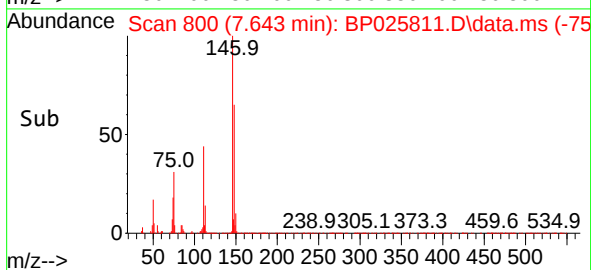
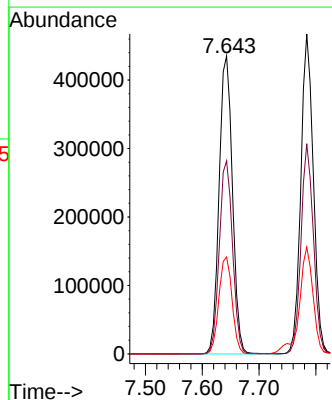
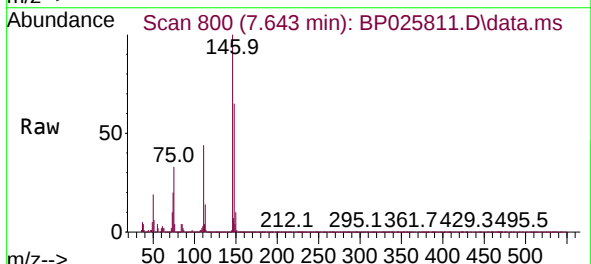
Instrument :
BNA_P
ClientSampleId :
PB169751BS

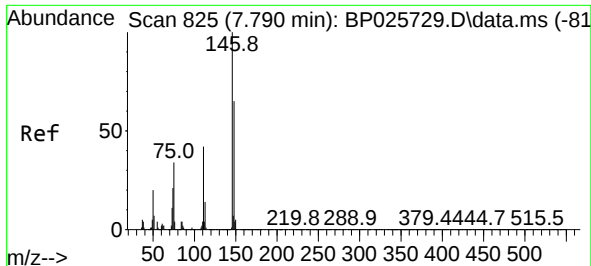
Tgt Ion: 93 Resp: 640401
Ion Ratio Lower Upper
93 100
63 78.7 62.6 102.6
95 32.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.083 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 146 Resp: 704328
Ion Ratio Lower Upper
146 100
148 64.8 52.7 79.1
75 32.5 26.4 39.6

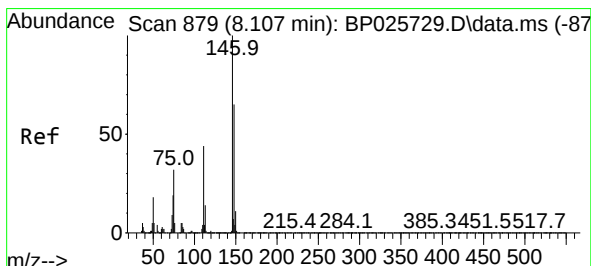
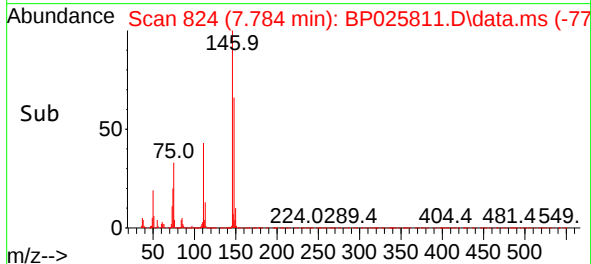
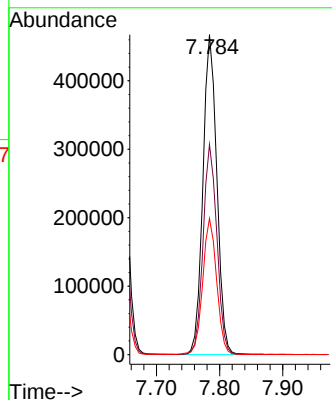
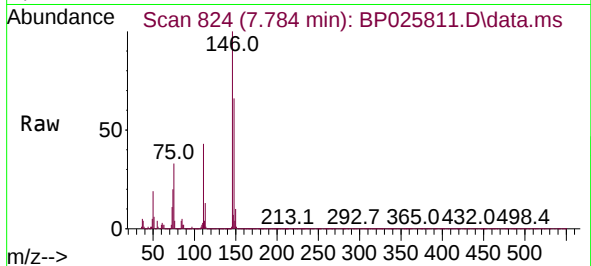




#13
1,4-Dichlorobenzene
Concen: 40.008 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

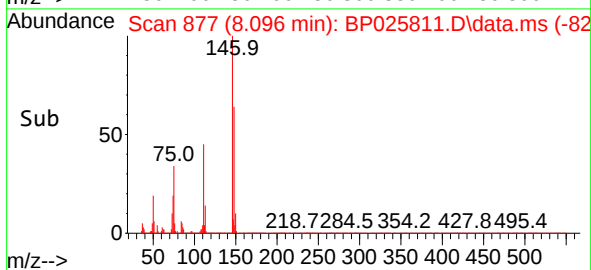
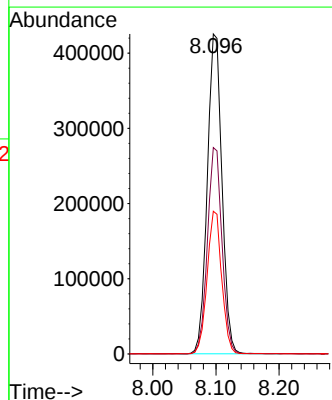
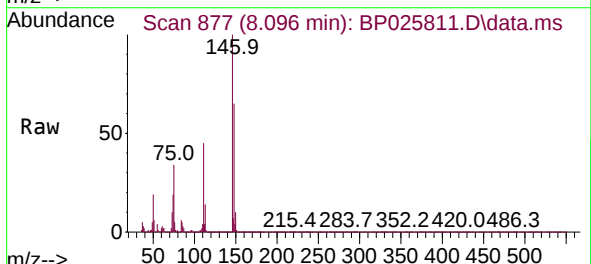
Instrument :
BNA_P
ClientSampleId :
PB169751BS

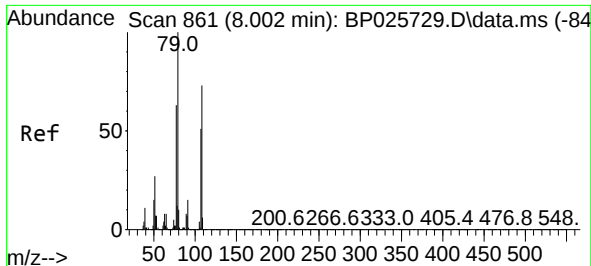
Tgt Ion:146 Resp: 716107
Ion Ratio Lower Upper
146 100
148 65.7 52.0 78.0
111 42.5 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 39.460 ng
RT: 8.096 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:146 Resp: 686156
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 44.6 35.5 53.3

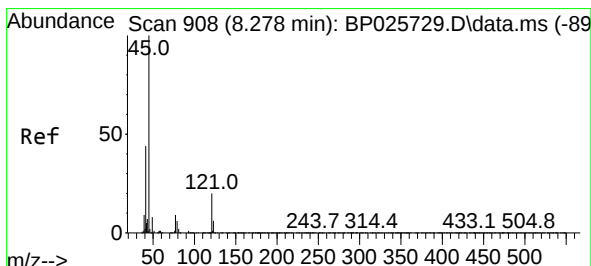
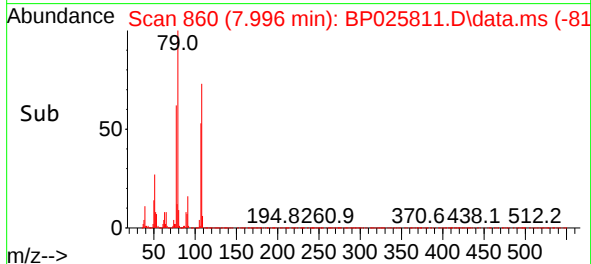
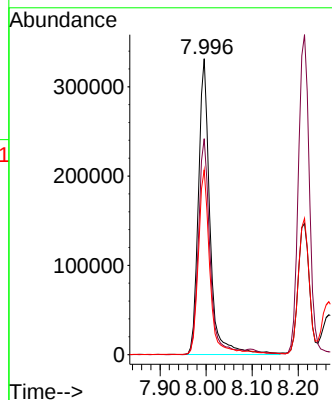
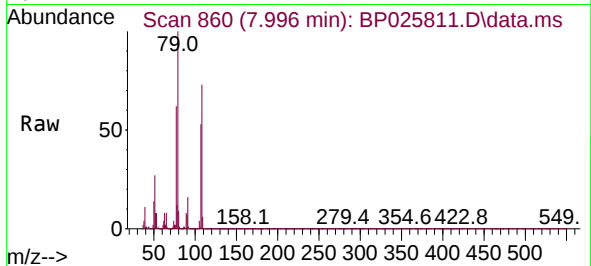




#15
Benzyl Alcohol
Concen: 37.244 ng
RT: 7.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

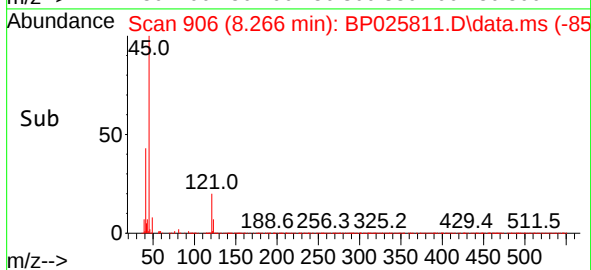
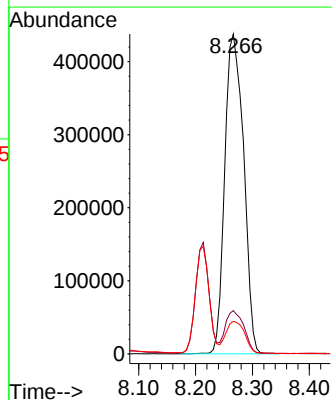
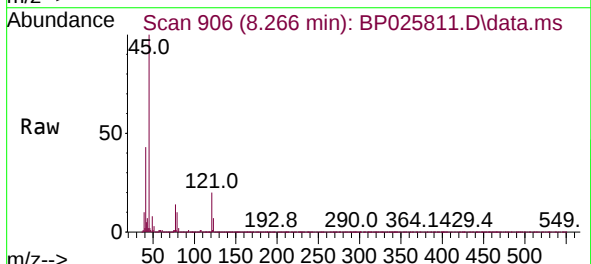
Instrument :
BNA_P
ClientSampleId :
PB169751BS

Tgt Ion: 79 Resp: 575697
Ion Ratio Lower Upper
79 100
108 72.9 58.7 88.1
77 62.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.862 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 45 Resp: 1007141
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.2 0.0 30.0

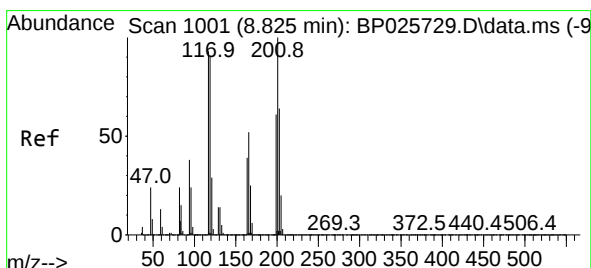
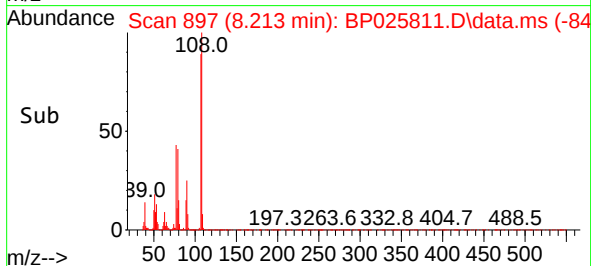
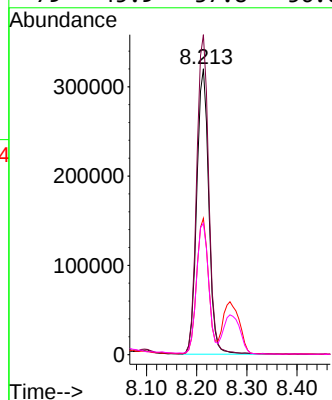
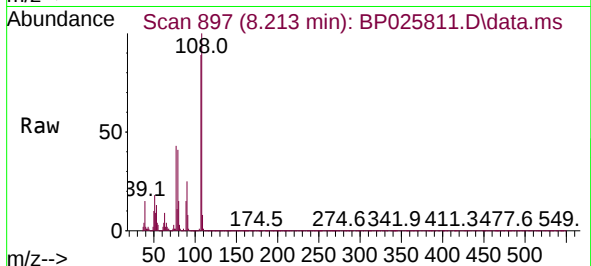




#17
2-Methylphenol
Concen: 40.035 ng
RT: 8.213 min Scan# 895
Delta R.T. 0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

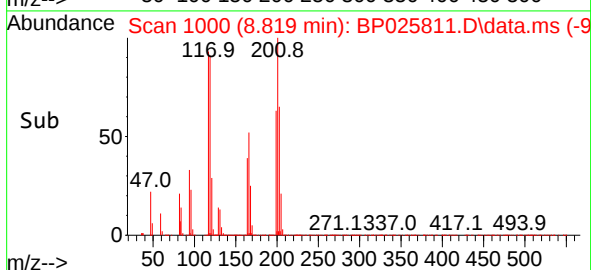
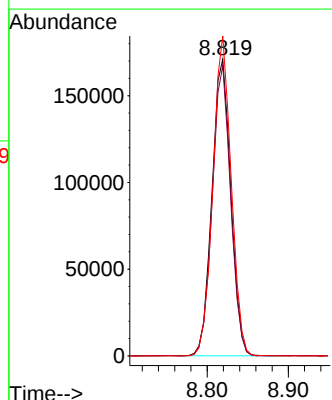
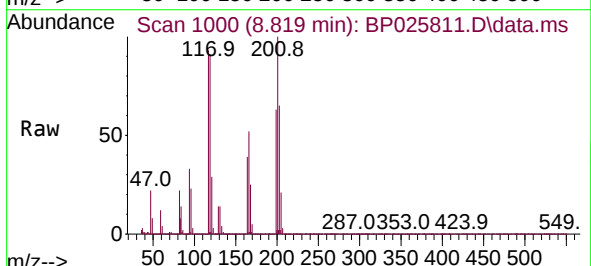
Instrument :
BNA_P
ClientSampleId :
PB169751BS

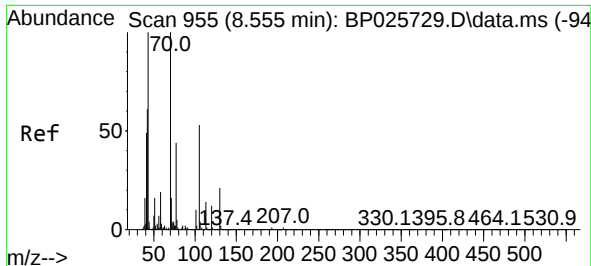
Tgt Ion:	107	Resp:	532402
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.6	134.4
77	47.7	39.3	58.9
79	45.9	37.8	56.6



#18
Hexachloroethane
Concen: 40.360 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:	117	Resp:	275937
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.1	115.7
201	107.8	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.233 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025811.D

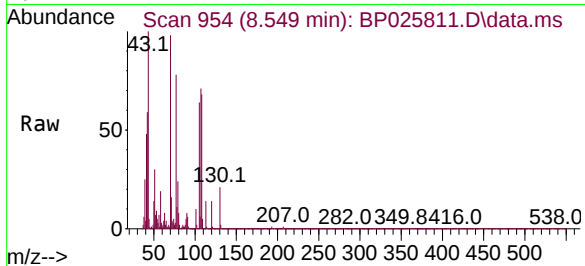
Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS



Tgt Ion: 70 Resp: 485790

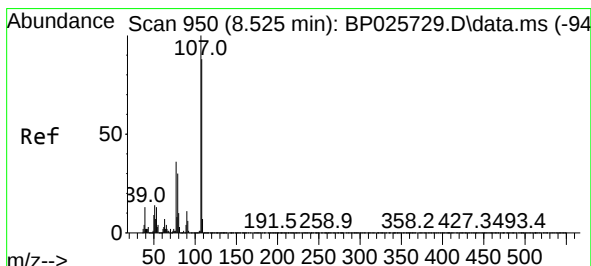
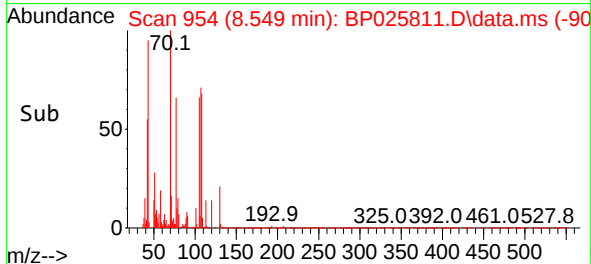
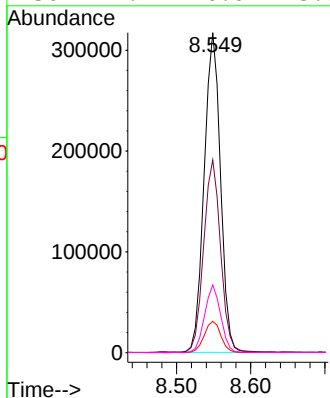
Ion Ratio Lower Upper

70 100

42 60.2 49.0 73.4

101 9.8 7.9 11.9

130 21.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.259 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Tgt Ion: 107 Resp: 693921

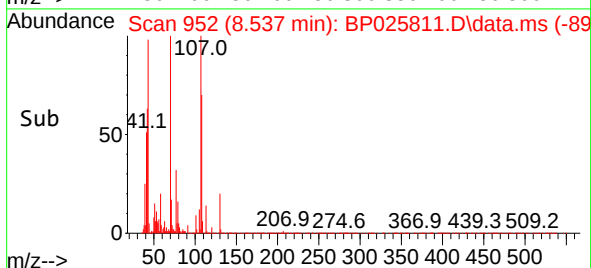
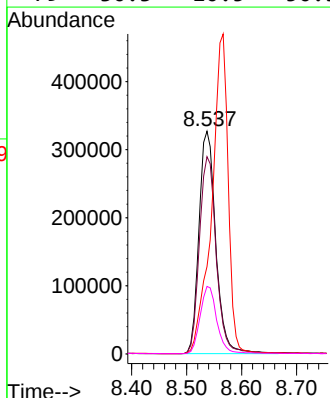
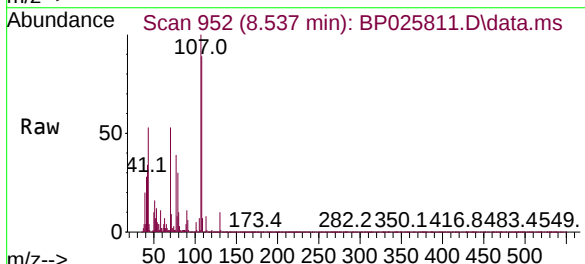
Ion Ratio Lower Upper

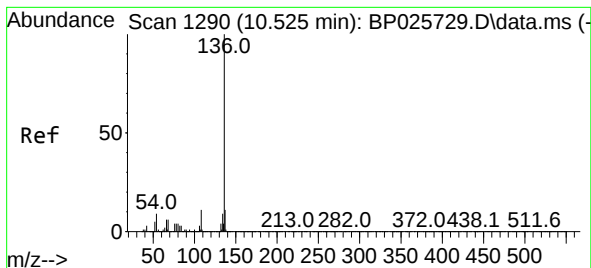
107 100

108 88.6 67.8 107.8

77 39.2 16.1 56.1

79 30.3 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

Tgt Ion:136 Resp: 855638

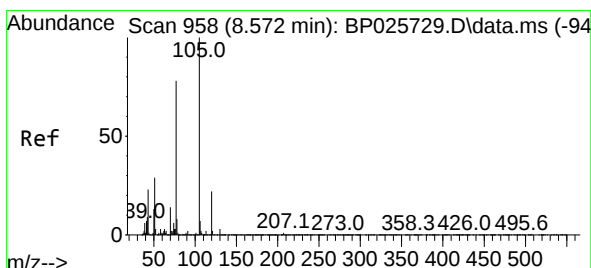
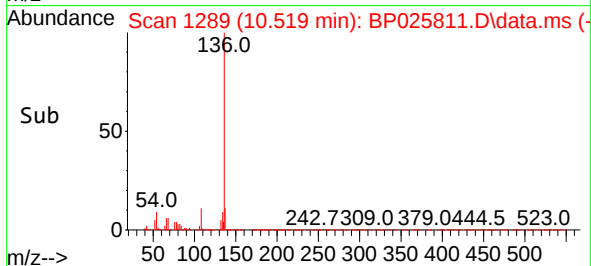
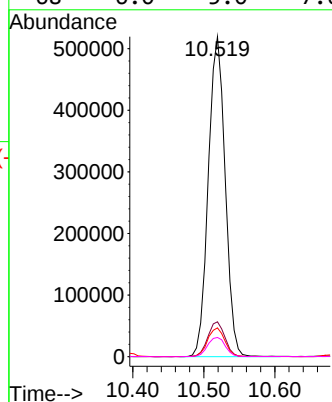
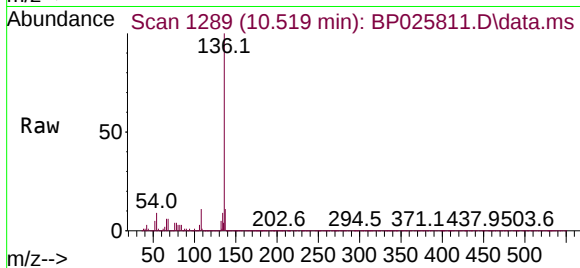
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 7.5 11.3

68 6.0 5.0 7.6



#22

Acetophenone

Concen: 41.427 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Tgt Ion:105 Resp: 947264

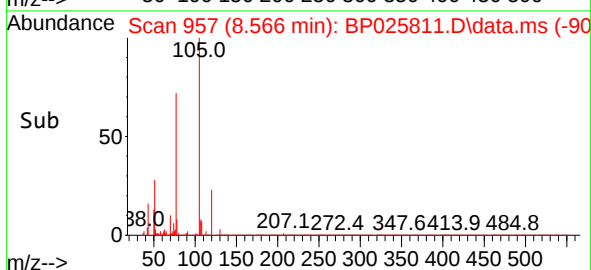
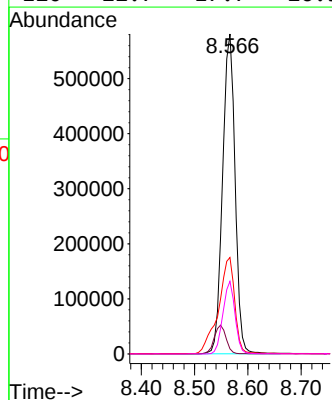
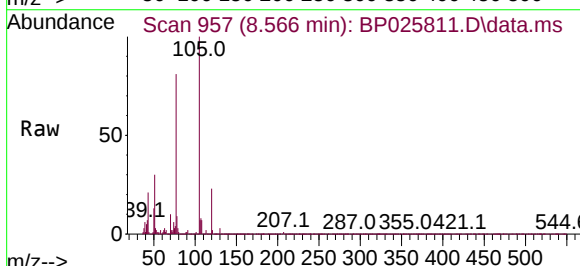
Ion Ratio Lower Upper

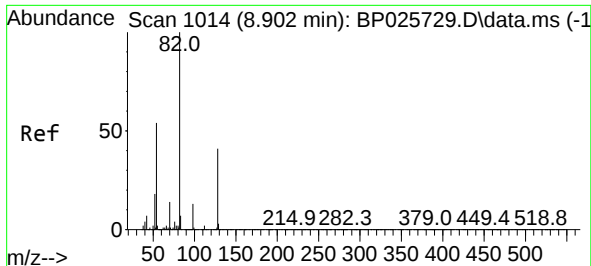
105 100

71 1.6 1.8 2.8

51 30.1 23.5 35.3

120 22.7 17.7 26.5

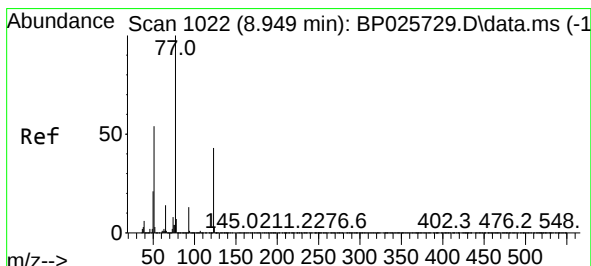
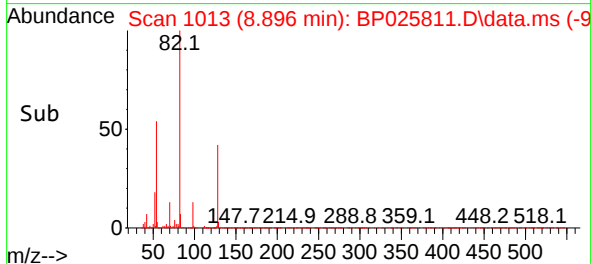
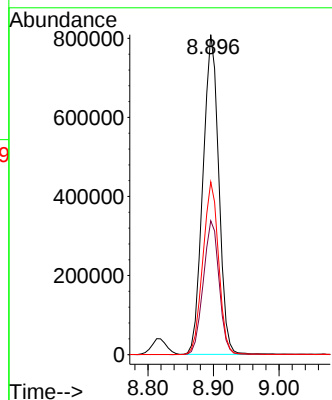
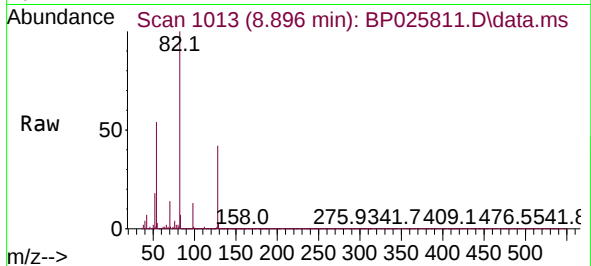




#23
Nitrobenzene-d5
Concen: 69.763 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

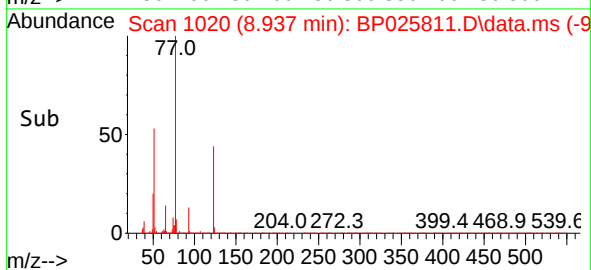
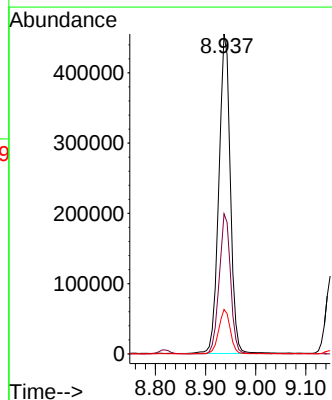
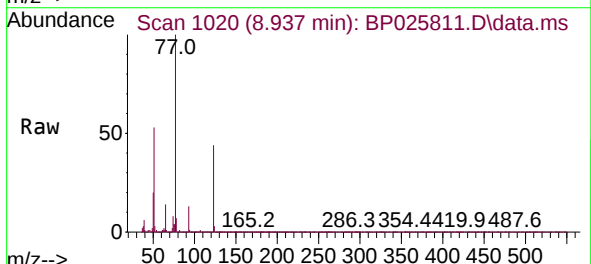
Instrument :
BNA_P
ClientSampleId :
PB169751BS

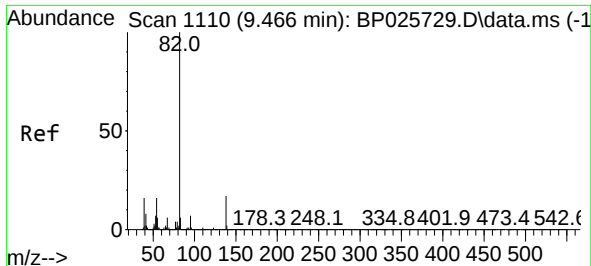
Tgt Ion: 82 Resp: 1353220
Ion Ratio Lower Upper
82 100
128 41.8 32.9 49.3
54 54.0 43.4 65.2



#24
Nitrobenzene
Concen: 41.518 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 77 Resp: 722471
Ion Ratio Lower Upper
77 100
123 43.8 34.4 51.6
65 13.9 10.8 16.2

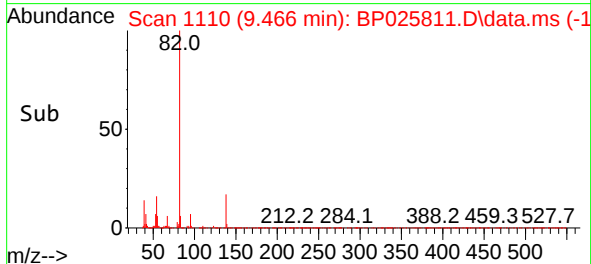
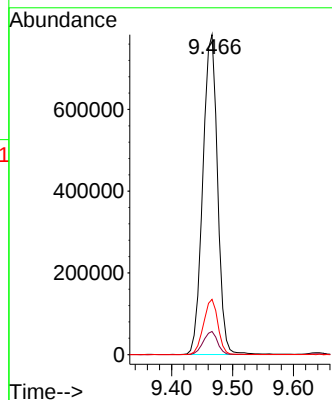
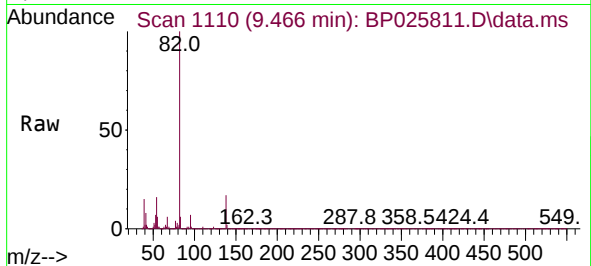




#25
Isophorone
Concen: 38.498 ng
RT: 9.466 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

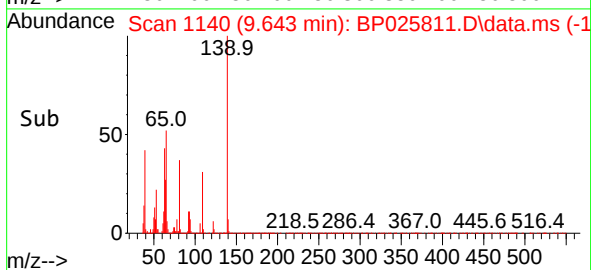
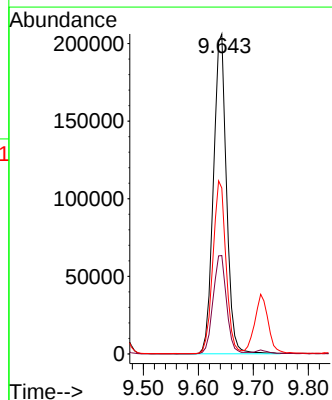
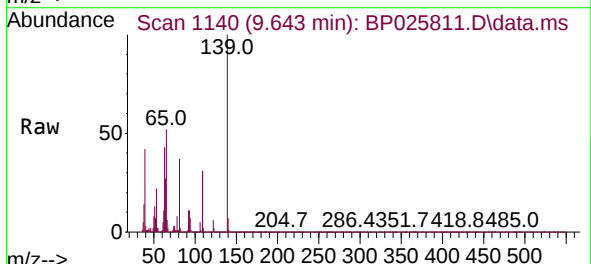
Instrument :
BNA_P
ClientSampleId :
PB169751BS

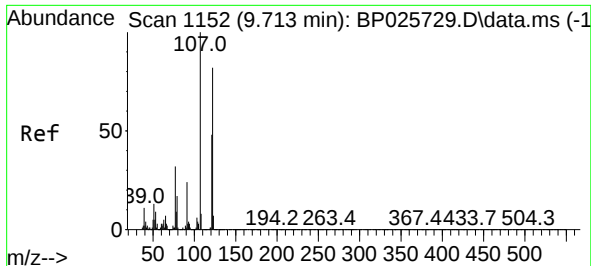
Tgt Ion: 82 Resp: 1312573
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.3 13.5 20.3



#26
2-Nitrophenol
Concen: 44.002 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 139 Resp: 339954
Ion Ratio Lower Upper
139 100
109 30.7 29.0 43.4
65 51.8 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 41.943 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

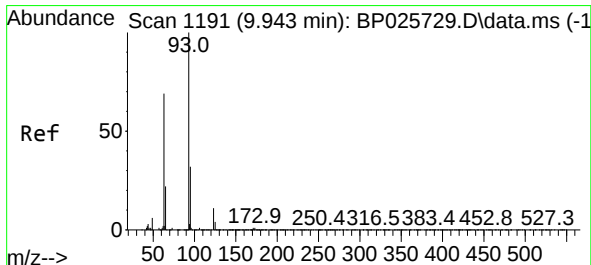
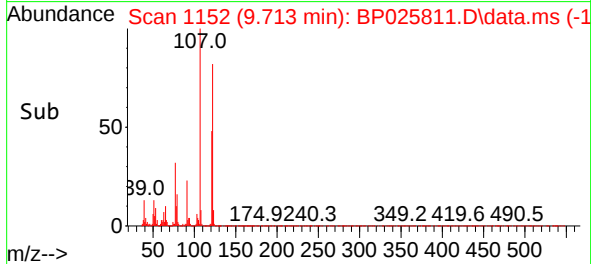
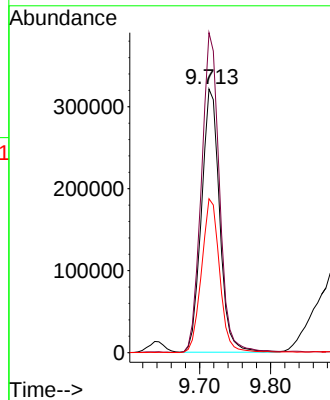
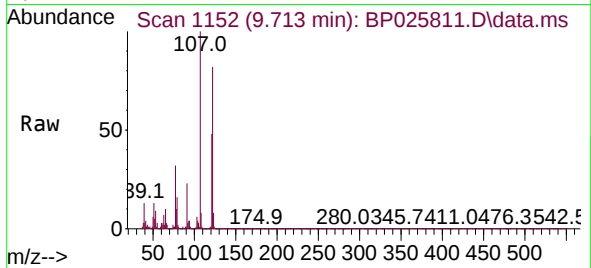
Tgt Ion:122 Resp: 568496

Ion Ratio Lower Upper

122 100

107 121.4 97.9 146.9

121 58.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.585 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

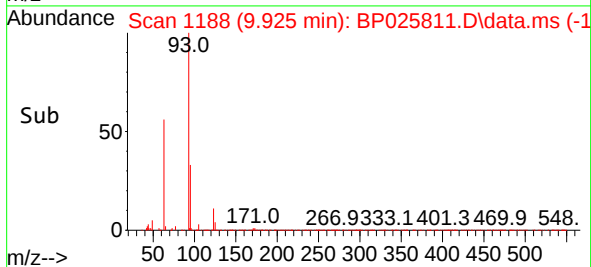
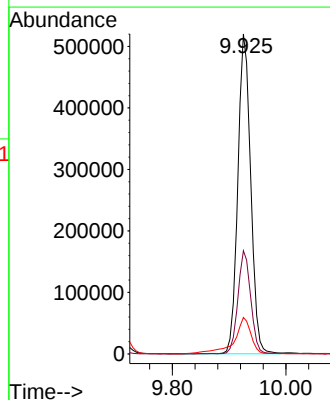
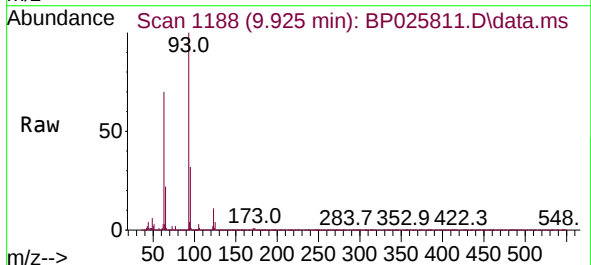
Tgt Ion: 93 Resp: 819565

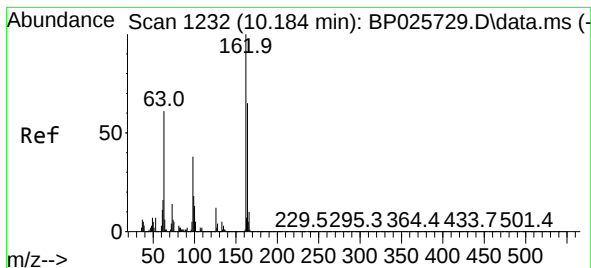
Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.352 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

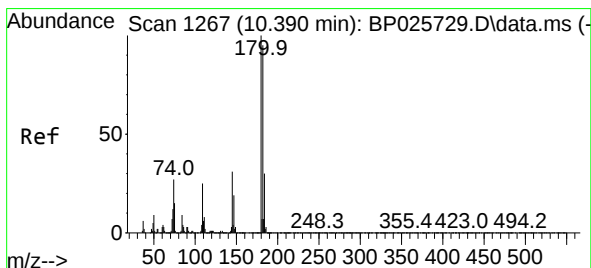
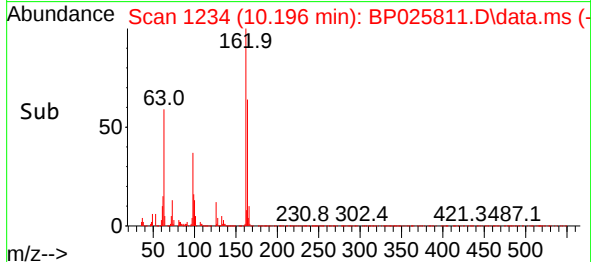
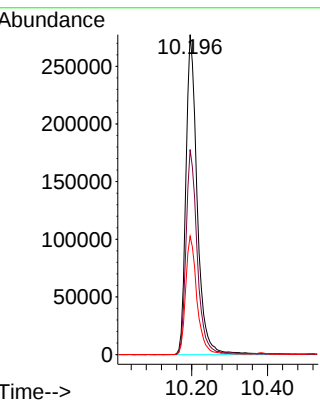
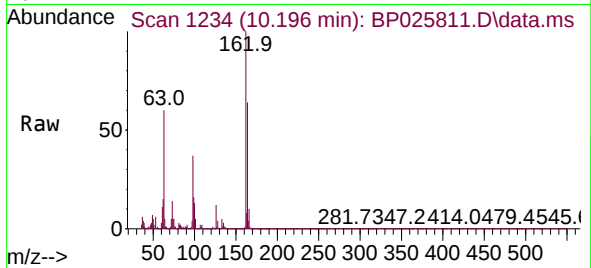
Tgt Ion:162 Resp: 572348

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 37.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.203 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

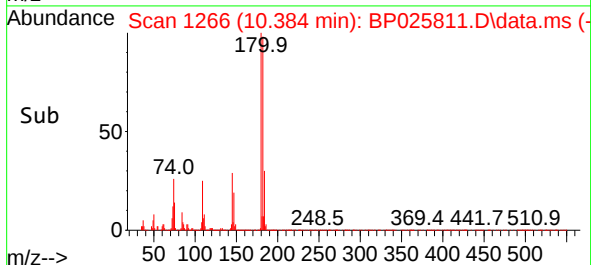
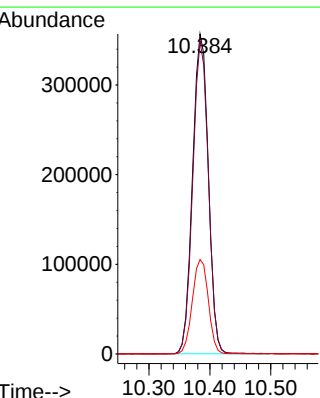
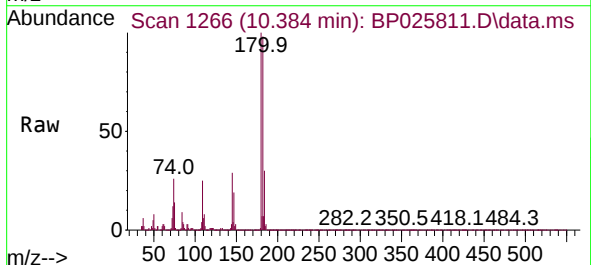
Tgt Ion:180 Resp: 642762

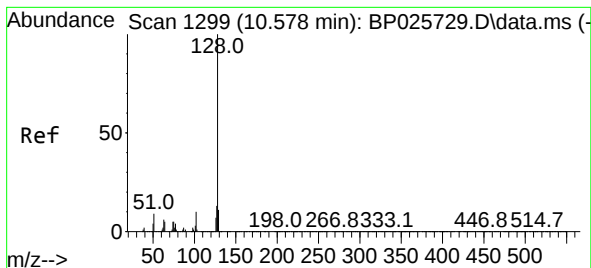
Ion Ratio Lower Upper

180 100

182 97.7 76.0 114.0

145 29.5 24.7 37.1

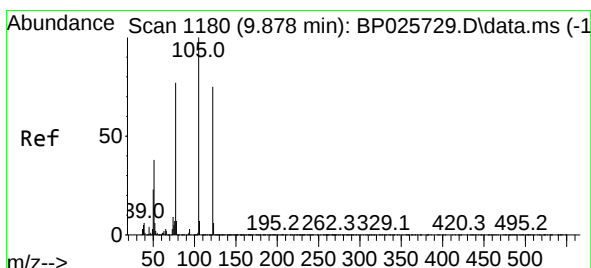
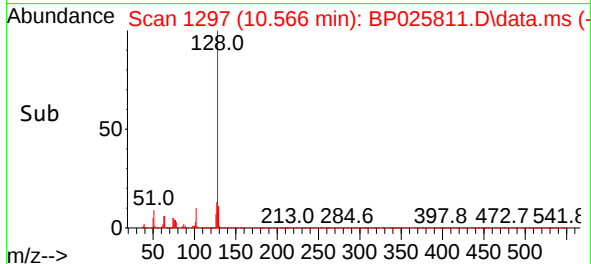
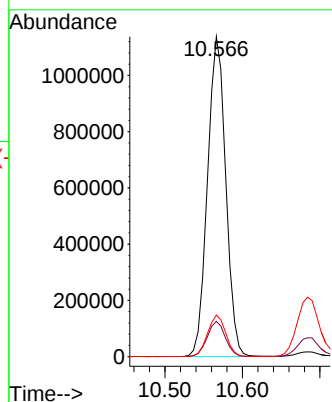
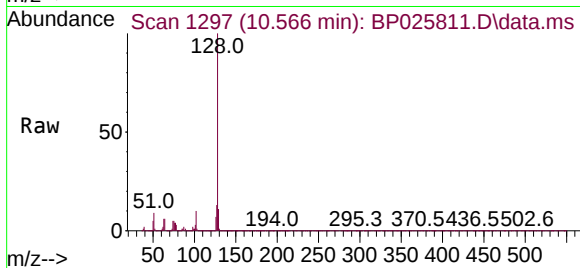




#31
Naphthalene
Concen: 40.324 ng
RT: 10.566 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

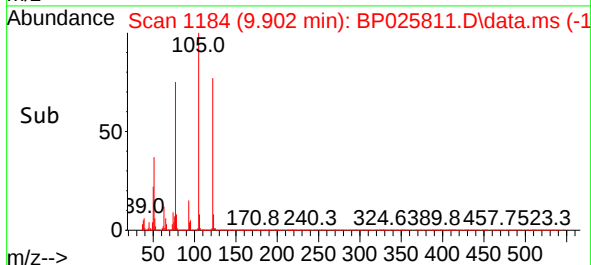
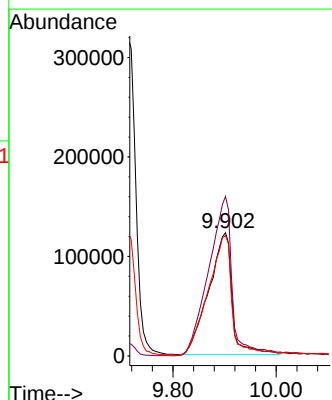
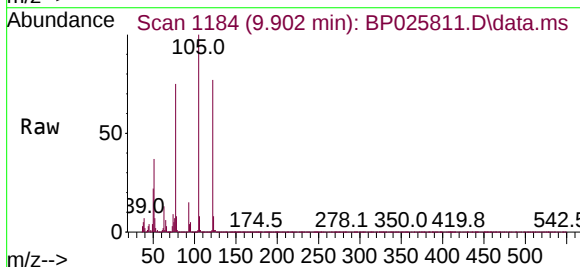
Instrument :
BNA_P
ClientSampleId :
PB169751BS

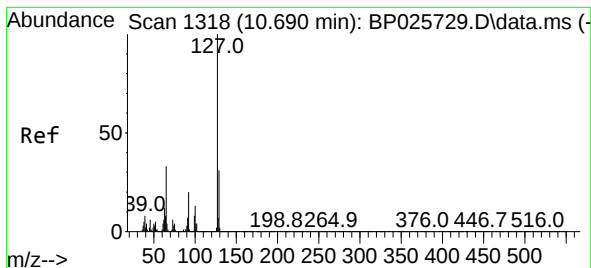
Tgt Ion:128 Resp: 1860389
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 38.226 ng
RT: 9.902 min Scan# 1184
Delta R.T. 0.024 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:122 Resp: 385203
Ion Ratio Lower Upper
122 100
105 129.6 111.5 151.5
77 97.8 81.8 121.8





#33

4-Chloroaniline

Concen: 22.892 ng

RT: 10.684 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

Tgt Ion:127 Resp: 440215

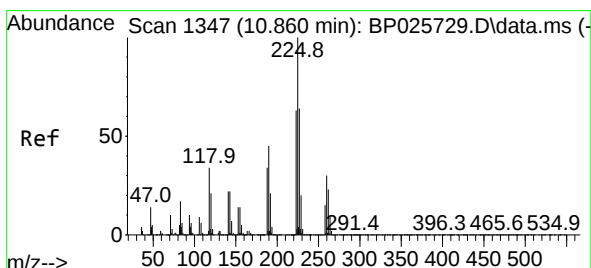
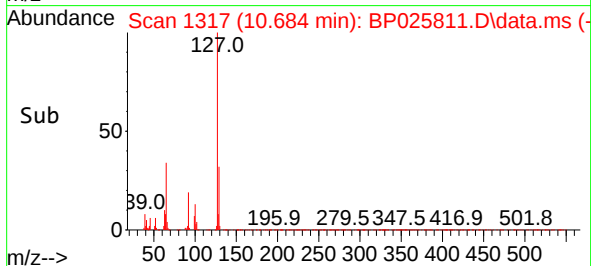
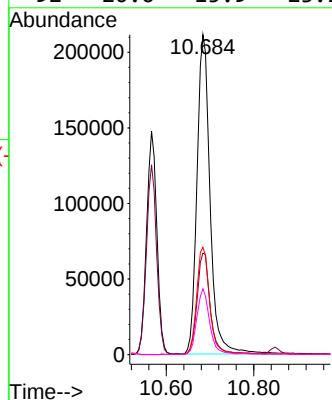
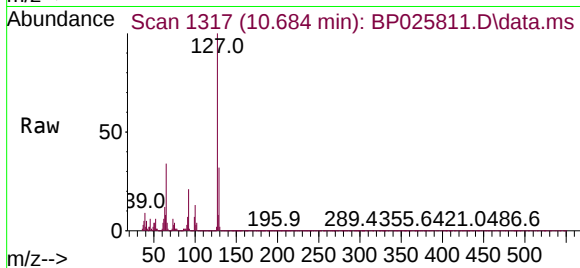
Ion Ratio Lower Upper

127 100

129 31.7 25.1 37.7

65 33.5 26.4 39.6

92 20.6 15.9 23.9



#34

Hexachlorobutadiene

Concen: 41.993 ng

RT: 10.849 min Scan# 1345

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

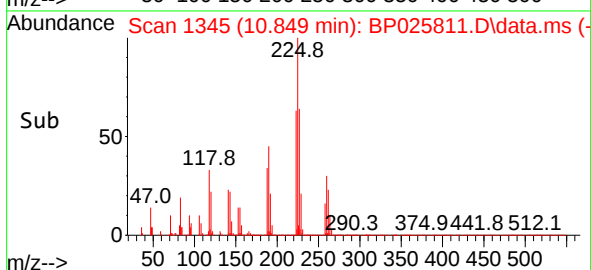
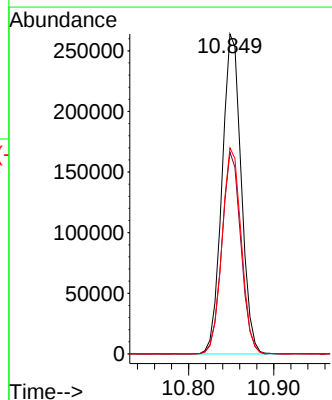
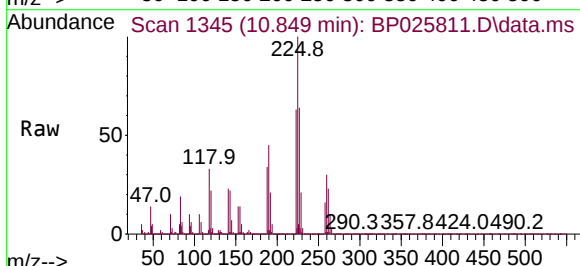
Tgt Ion:225 Resp: 411713

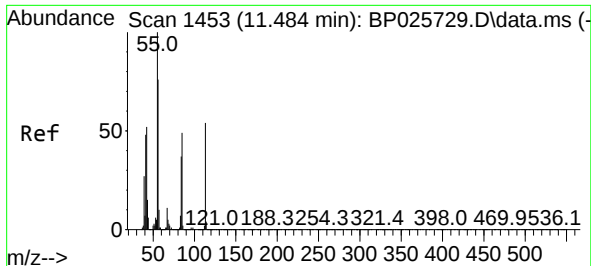
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 64.4 51.2 76.8

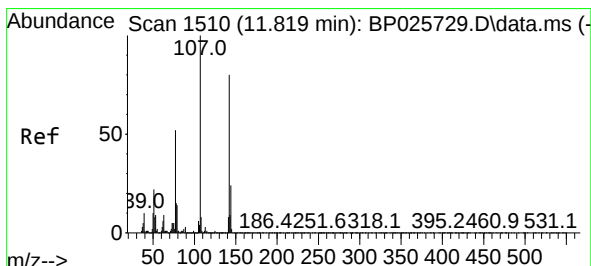
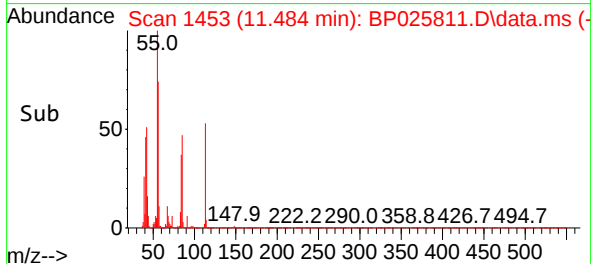
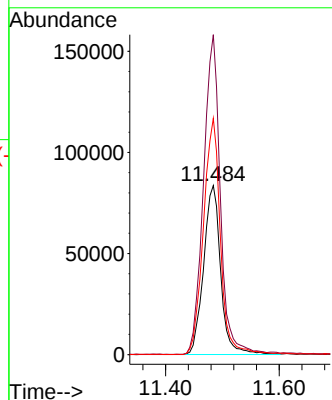
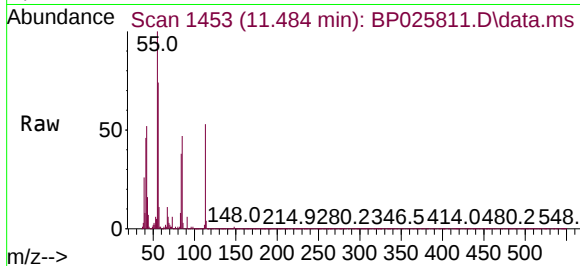




#35
Caprolactam
Concen: 33.646 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

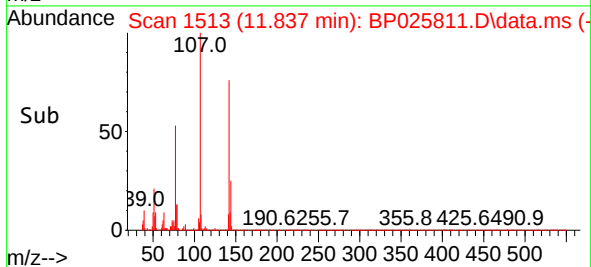
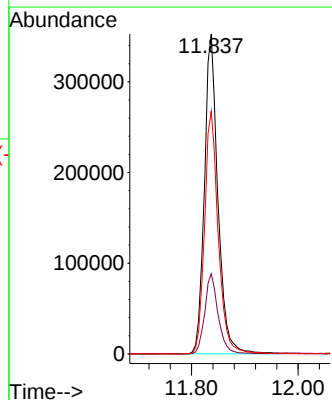
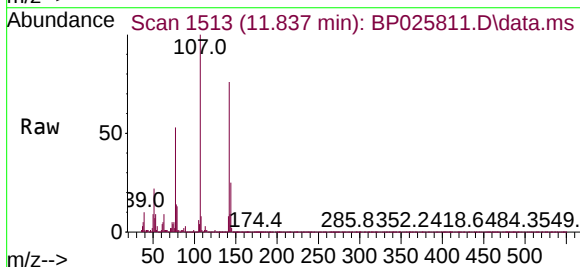
Instrument :
BNA_P
ClientSampleId :
PB169751BS

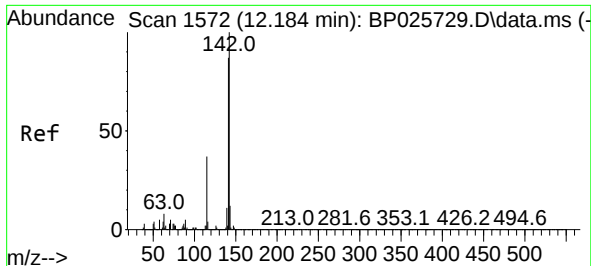
Tgt Ion:113 Resp: 175277
Ion Ratio Lower Upper
113 100
55 189.3 165.5 205.5
56 139.8 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 38.512 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:107 Resp: 620495
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.2
142 75.8 63.8 95.6

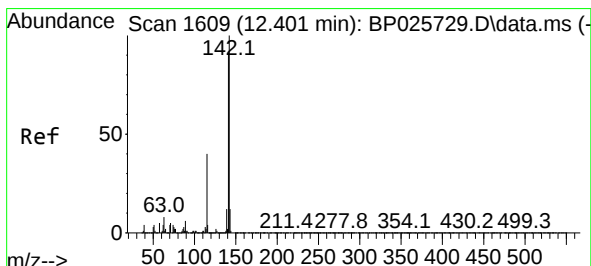
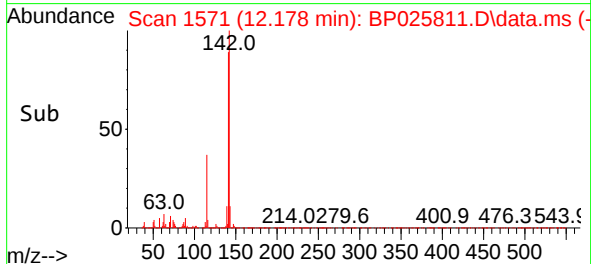
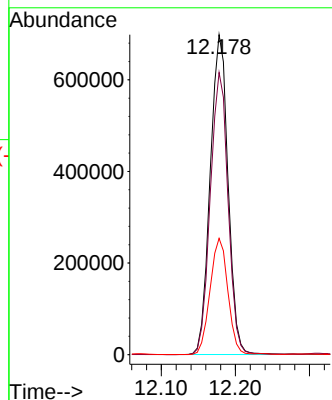
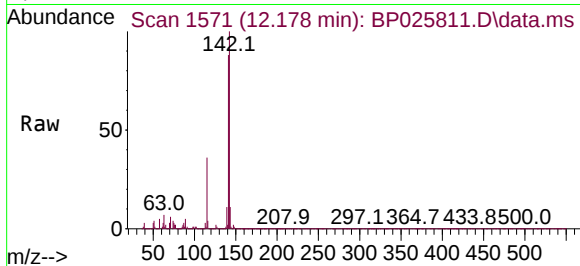




#37
2-Methylnaphthalene
Concen: 39.364 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

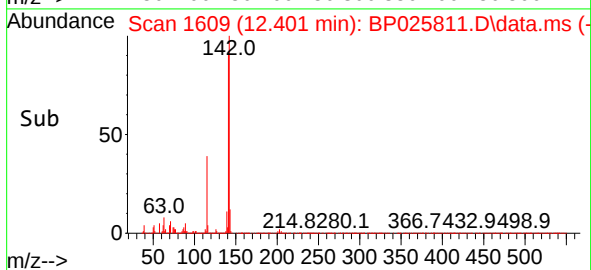
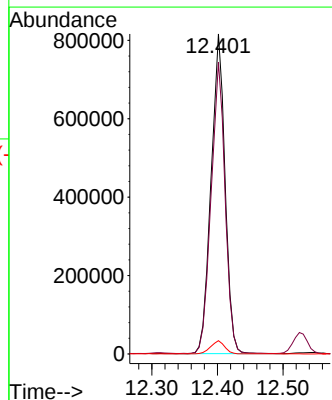
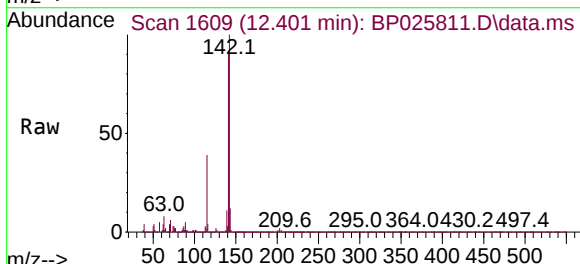
Instrument :
BNA_P
ClientSampleId :
PB169751BS

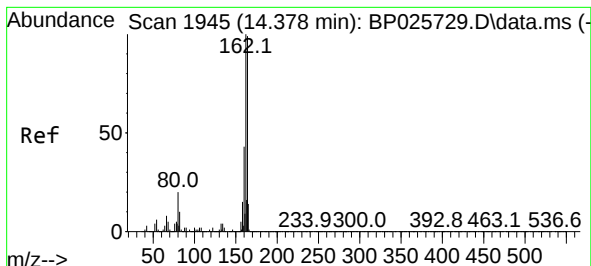
Tgt Ion:142 Resp: 1166457
Ion Ratio Lower Upper
142 100
141 88.2 69.6 104.4
115 36.3 30.0 45.0



#38
1-Methylnaphthalene
Concen: 38.273 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:142 Resp: 1209400
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

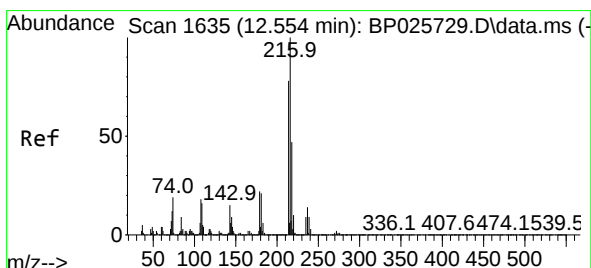
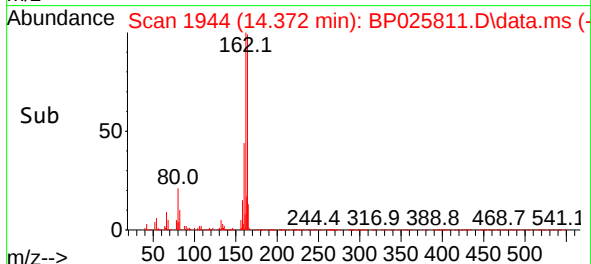
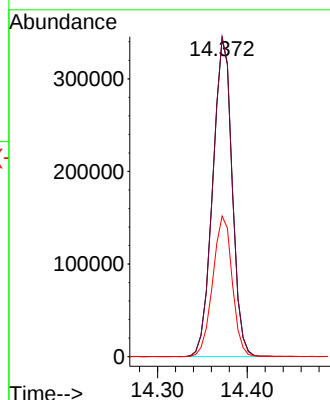
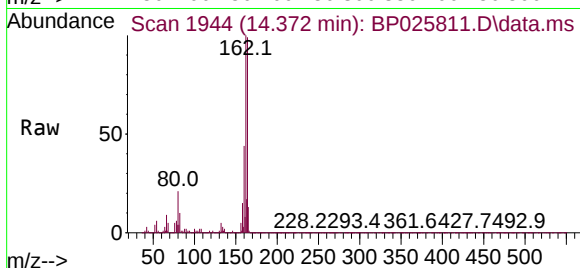
Tgt Ion:164 Resp: 515832

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 44.2 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.014 ng

RT: 12.548 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Tgt Ion:216 Resp: 703611

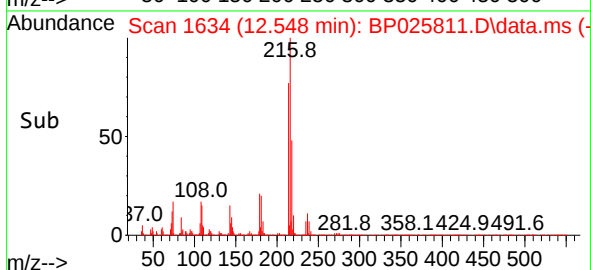
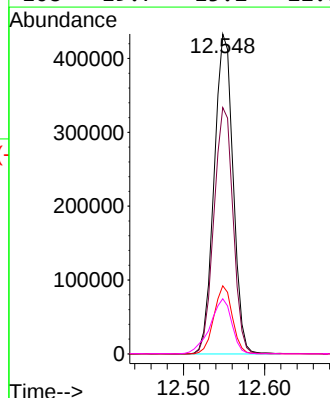
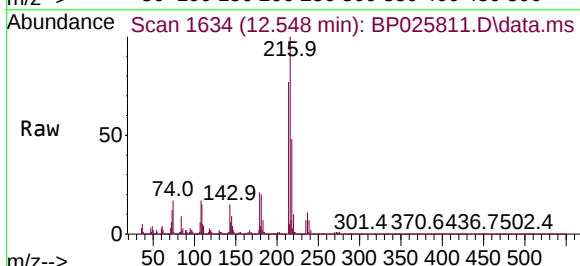
Ion Ratio Lower Upper

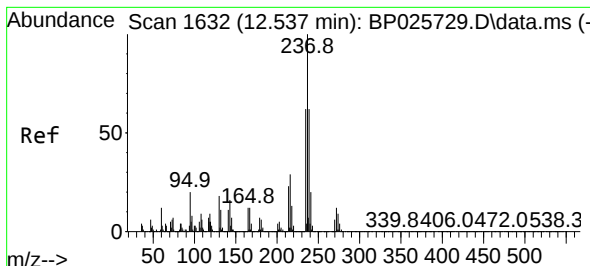
216 100

214 77.8 62.4 93.6

179 20.7 17.0 25.6

108 19.7 15.2 22.8

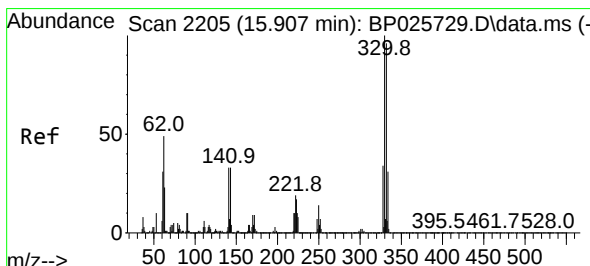
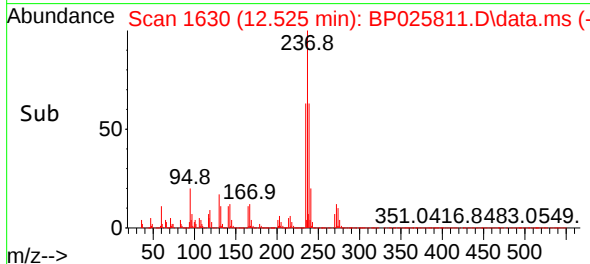
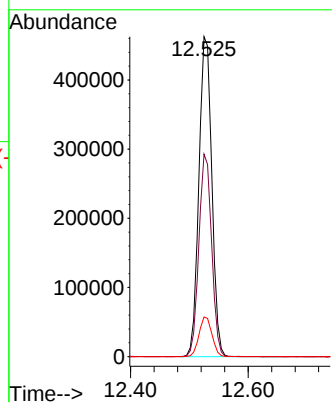
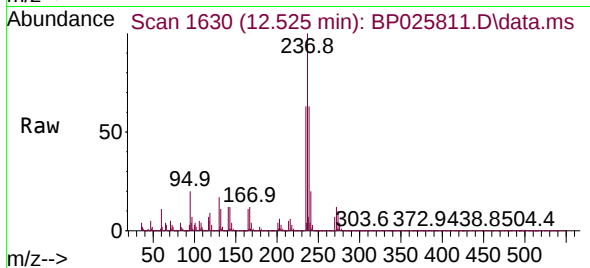




#41
Hexachlorocyclopentadiene
Concen: 82.725 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

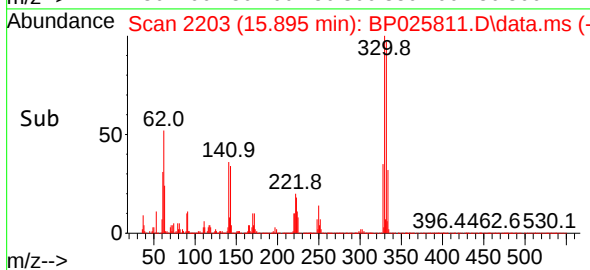
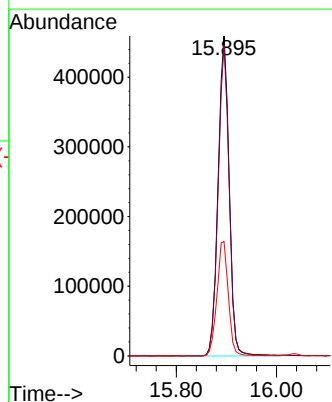
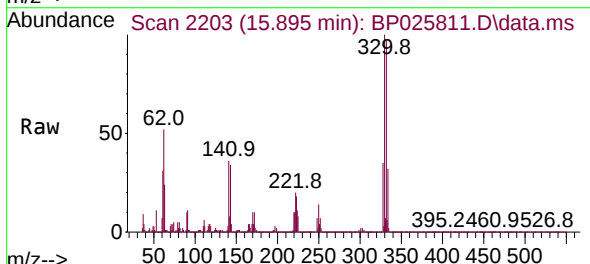
Instrument :
BNA_P
ClientSampleId :
PB169751BS

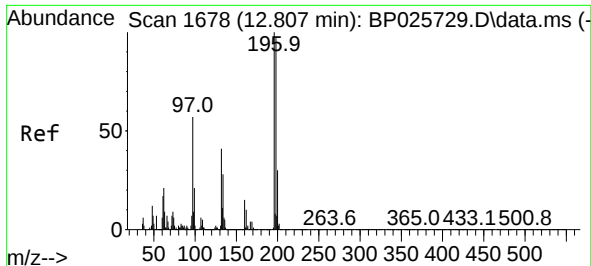
Tgt Ion:237 Resp: 704261
Ion Ratio Lower Upper
237 100
235 63.3 41.9 81.9
272 12.4 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 109.494 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:330 Resp: 704482
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 36.7 31.0 46.4

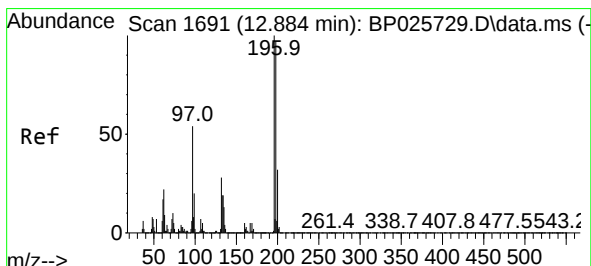
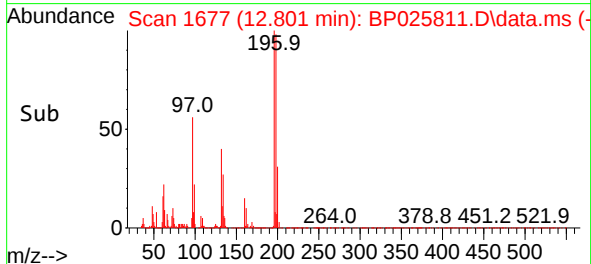
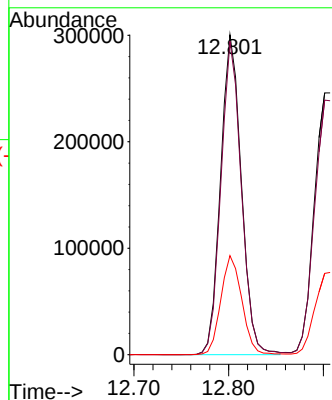
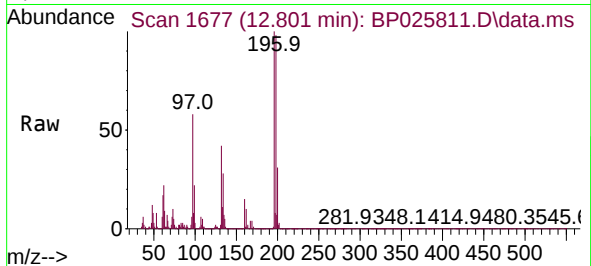




#43
2,4,6-Trichlorophenol
Concen: 44.479 ng
RT: 12.801 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

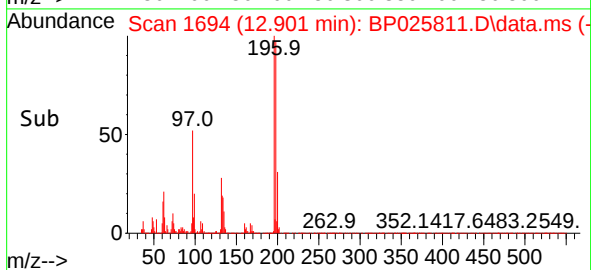
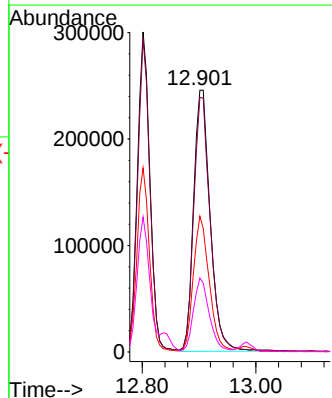
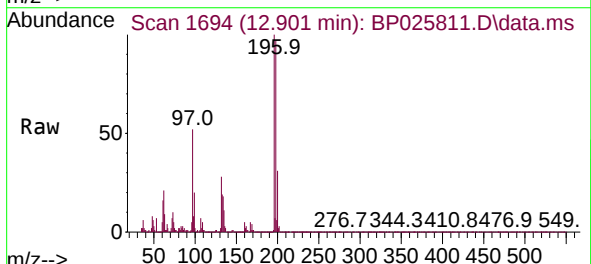
Instrument :
BNA_P
ClientSampleId :
PB169751BS

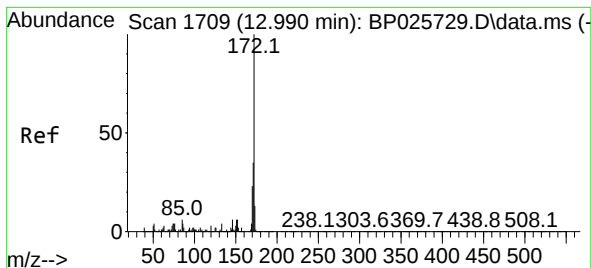
Tgt Ion:196 Resp: 457063
Ion Ratio Lower Upper
196 100
198 97.9 77.2 115.8
200 30.9 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 43.609 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:196 Resp: 498727
Ion Ratio Lower Upper
196 100
198 97.3 77.8 116.8
97 51.8 43.3 64.9
132 28.2 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 73.132 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

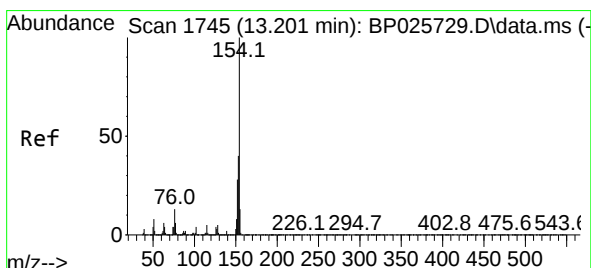
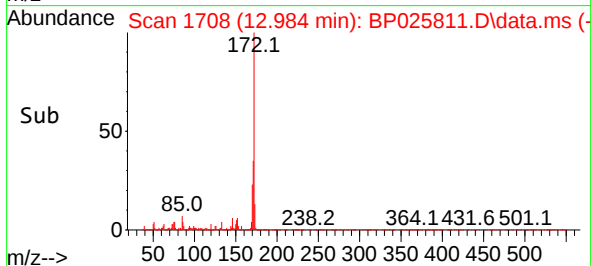
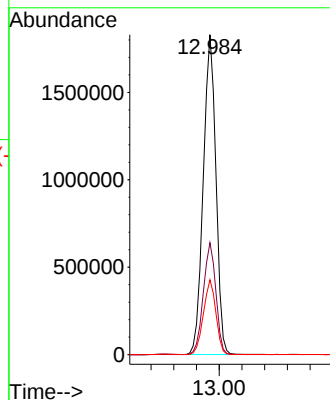
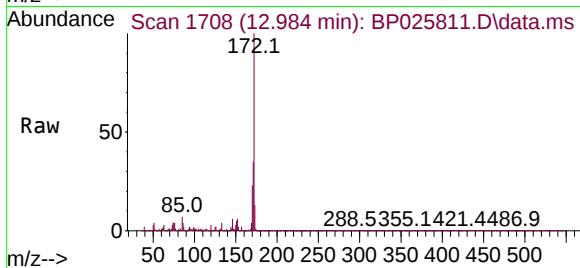
Tgt Ion:172 Resp: 2833159

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.567 ng

RT: 13.195 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

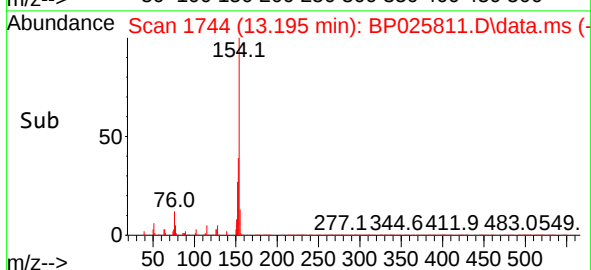
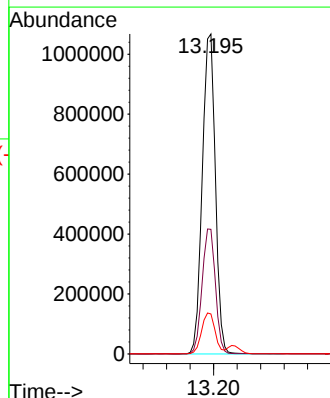
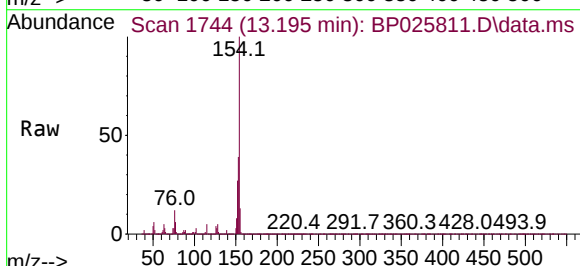
Tgt Ion:154 Resp: 1649547

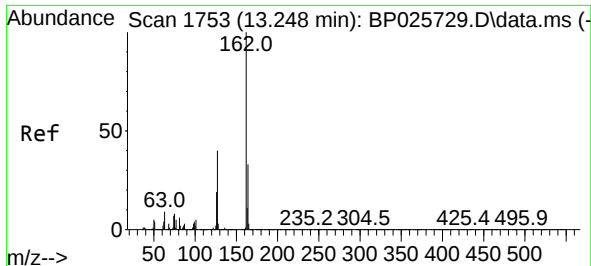
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 12.5 0.0 33.3

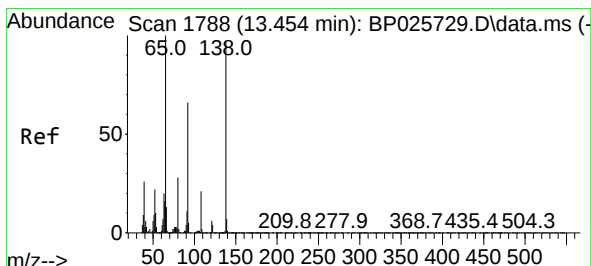
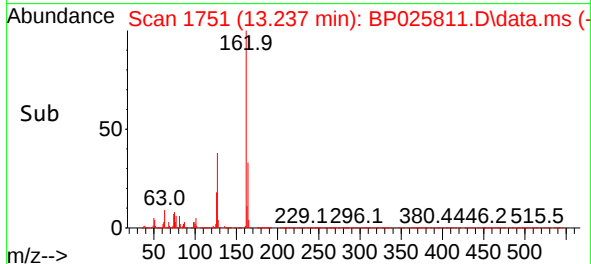
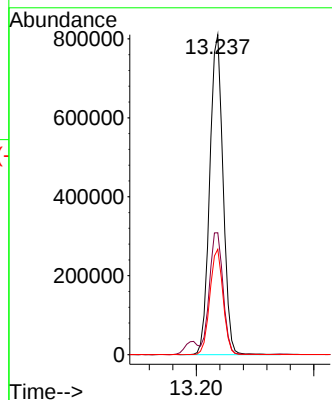
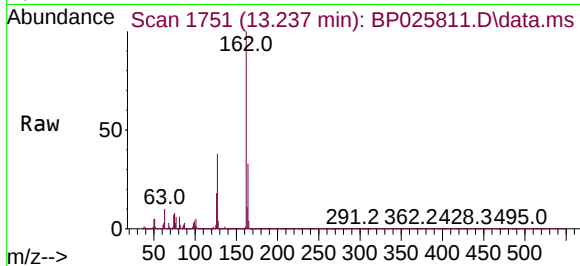




#47
2-Chloronaphthalene
Concen: 42.800 ng
RT: 13.237 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

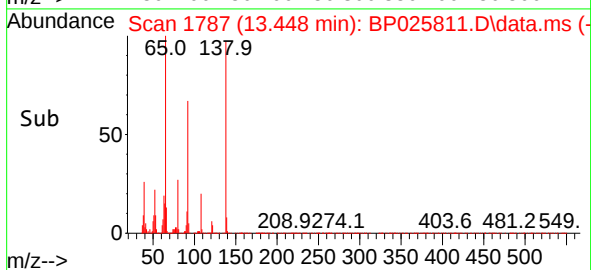
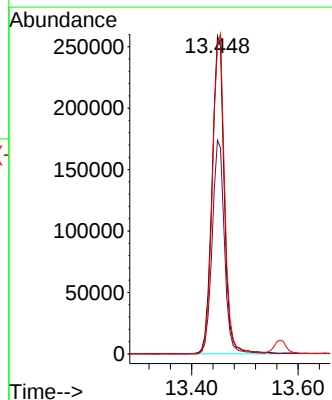
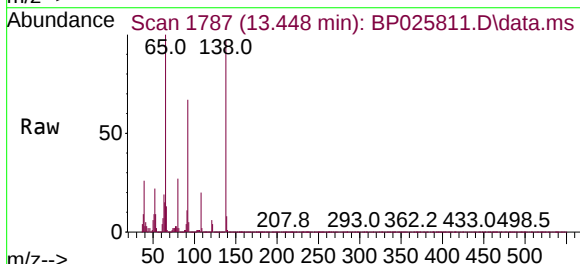
Instrument :
BNA_P
ClientSampleId :
PB169751BS

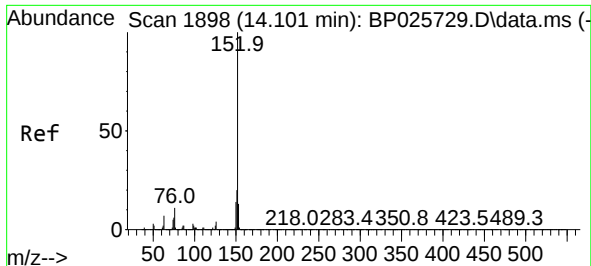
Tgt Ion:162 Resp: 1275999
Ion Ratio Lower Upper
162 100
127 38.1 32.2 48.4
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 41.568 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion: 65 Resp: 413099
Ion Ratio Lower Upper
65 100
92 67.2 53.1 79.7
138 96.9 77.8 116.8

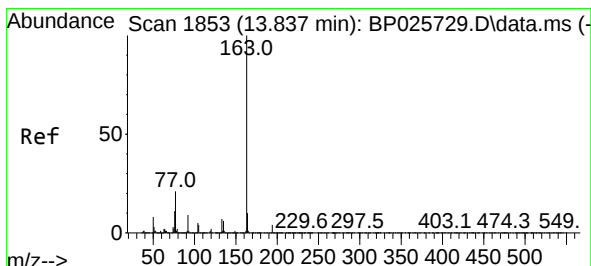
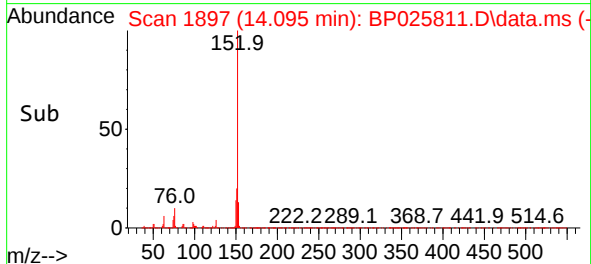
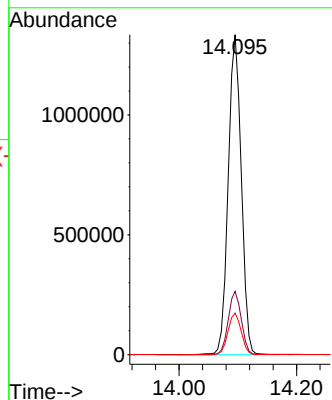
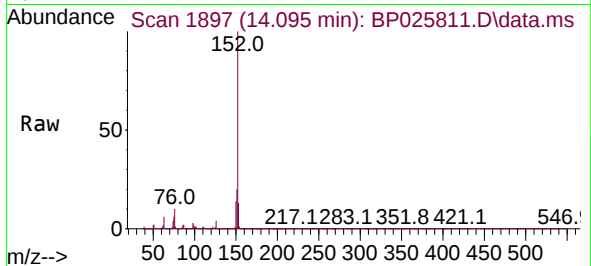




#49
Acenaphthylene
Concen: 41.601 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

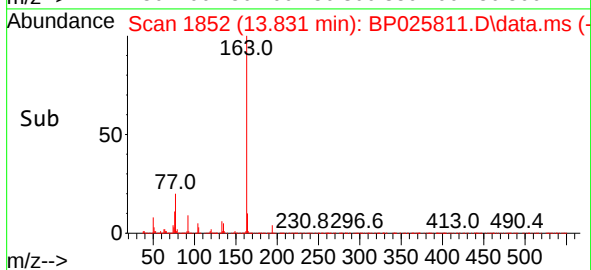
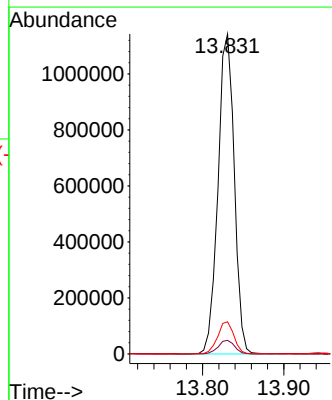
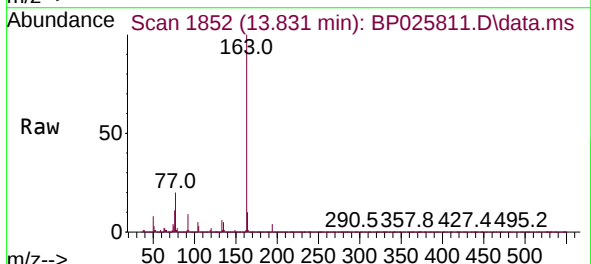
Instrument :
BNA_P
ClientSampleId :
PB169751BS

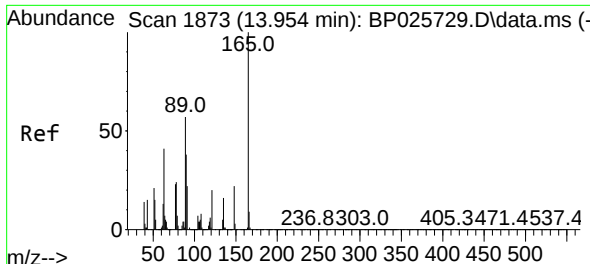
Tgt Ion:152 Resp: 2054959
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 40.296 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:163 Resp: 1586950
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.2

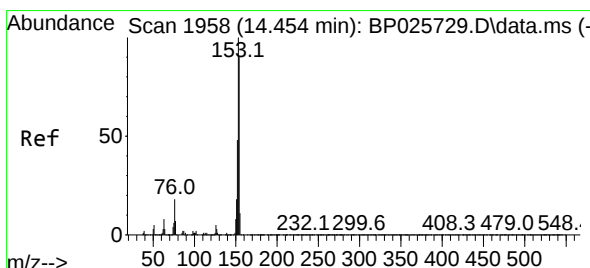
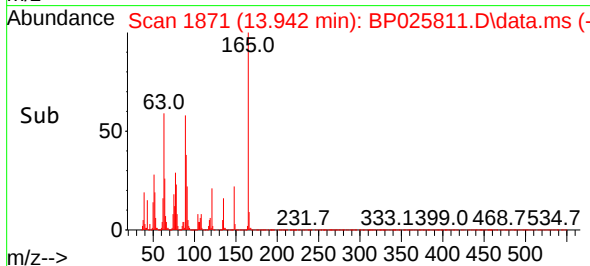
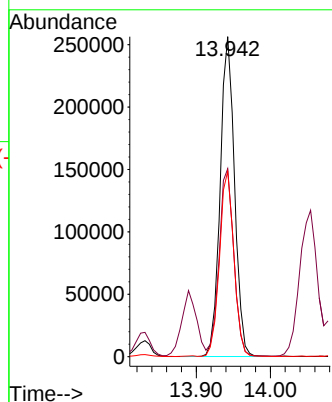
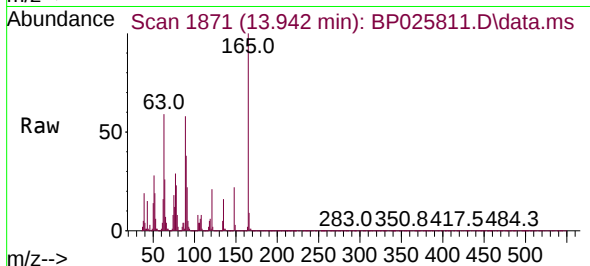




#51
2,6-Dinitrotoluene
Concen: 41.320 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

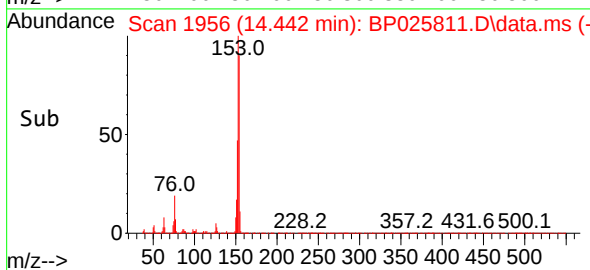
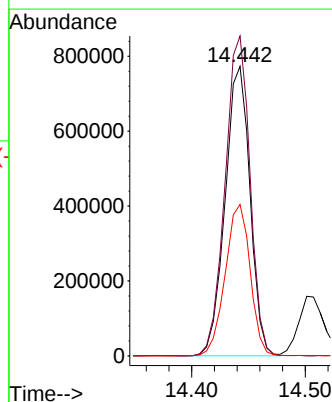
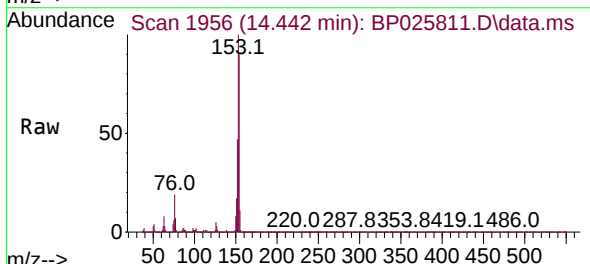
Instrument :
BNA_P
ClientSampleId :
PB169751BS

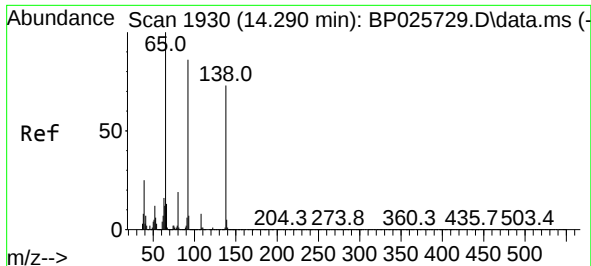
Tgt Ion:165 Resp: 344757
Ion Ratio Lower Upper
165 100
63 58.7 48.1 72.1
89 58.0 45.4 68.0



#52
Acenaphthene
Concen: 41.305 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:154 Resp: 1176625
Ion Ratio Lower Upper
154 100
153 110.5 89.4 134.0
152 52.3 42.5 63.7

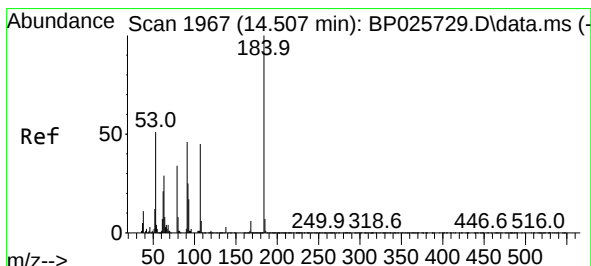
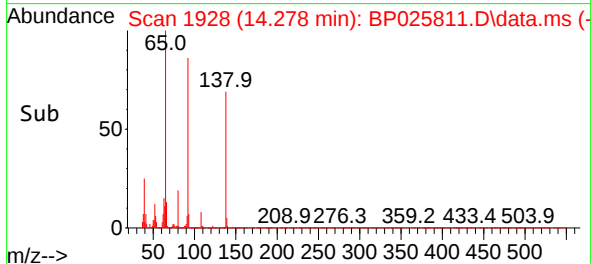
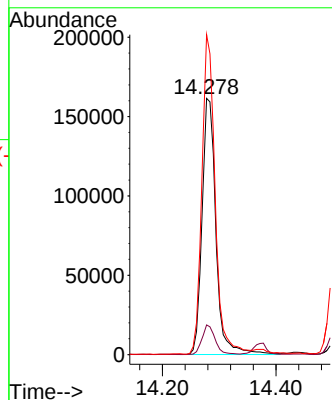
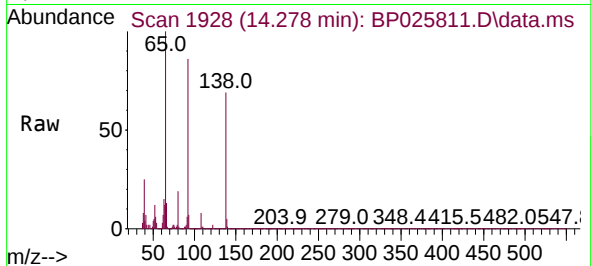




#53
3-Nitroaniline
Concen: 31.179 ng
RT: 14.278 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

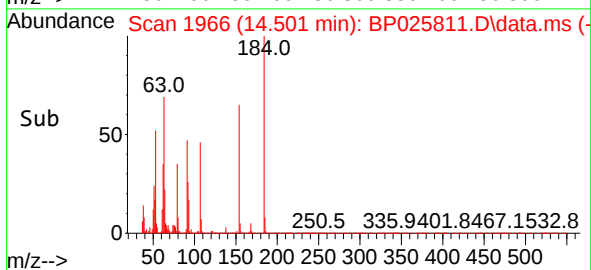
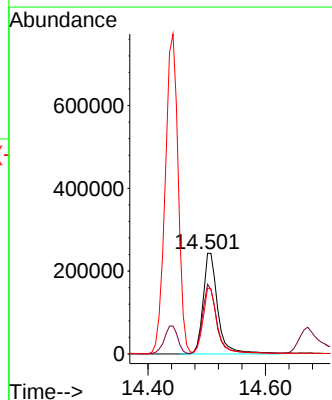
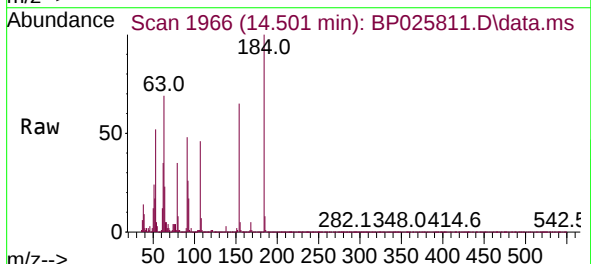
Instrument :
BNA_P
ClientSampleId :
PB169751BS

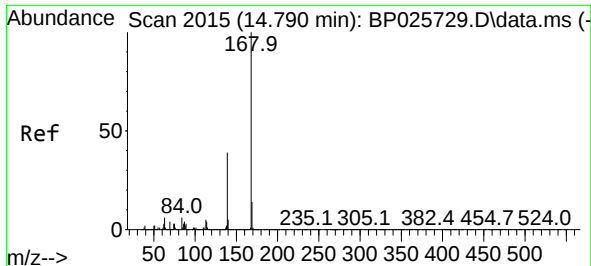
Tgt Ion:138 Resp: 273565
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 124.9 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 77.687 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:184 Resp: 420640
Ion Ratio Lower Upper
184 100
63 69.3 52.5 78.7
154 65.4 51.5 77.3

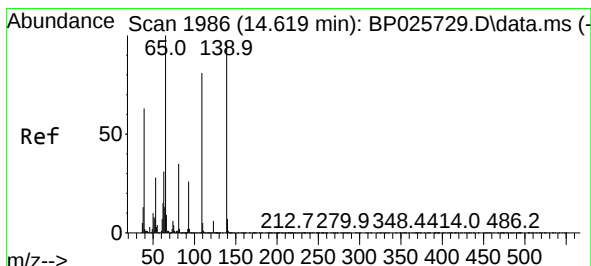
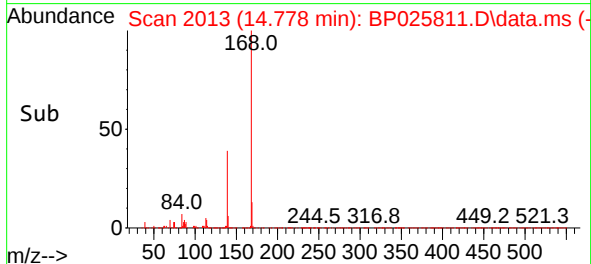
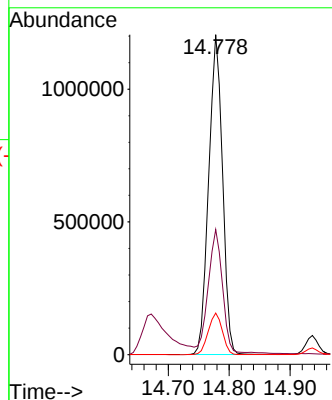
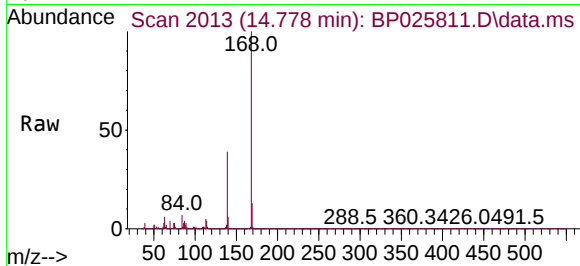




#55
Dibenzofuran
Concen: 40.881 ng
RT: 14.778 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

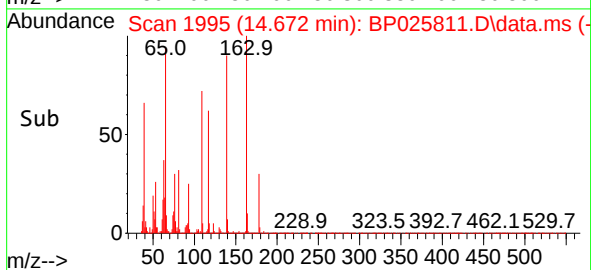
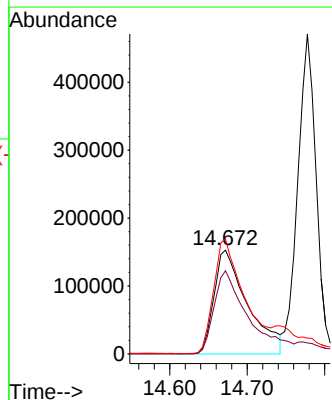
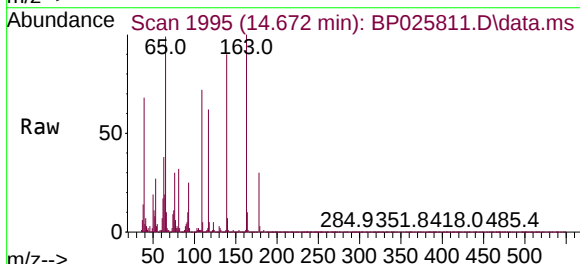
Instrument :
BNA_P
ClientSampleId :
PB169751BS

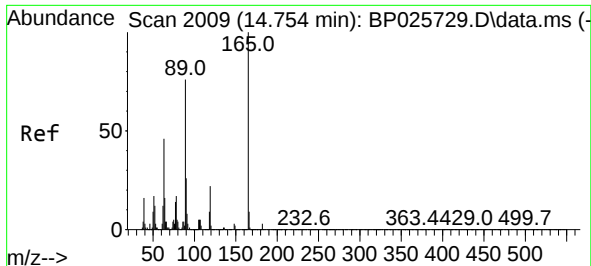
Tgt Ion:168 Resp: 1898017
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 61.767 ng
RT: 14.672 min Scan# 1995
Delta R.T. 0.053 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:139 Resp: 458531
Ion Ratio Lower Upper
139 100
109 80.0 62.9 102.9
65 110.7 83.4 123.4

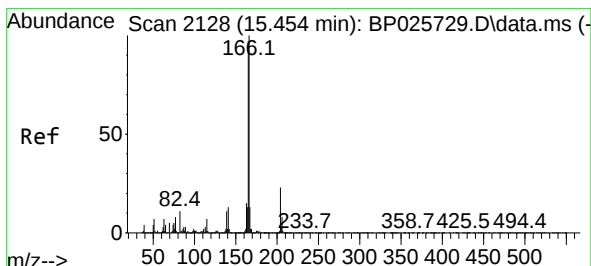
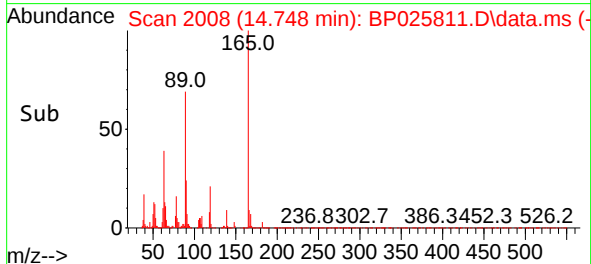
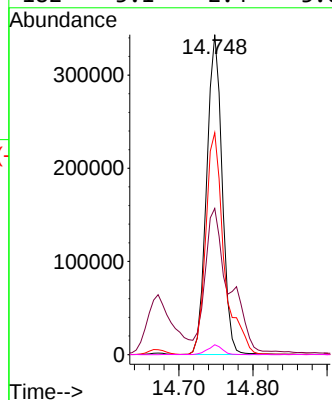
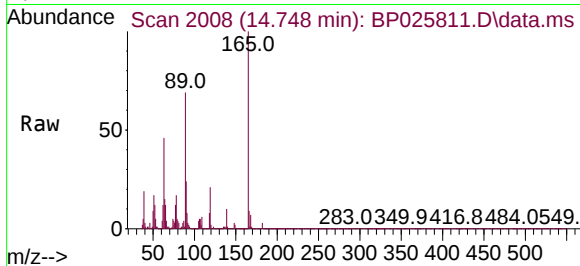




#57
2,4-Dinitrotoluene
Concen: 41.861 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

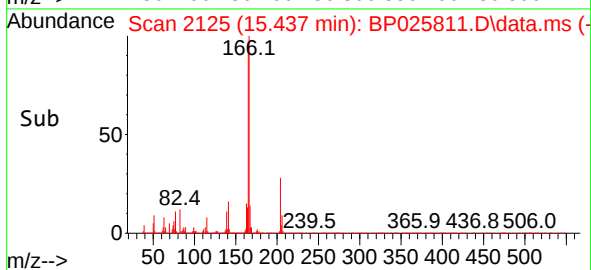
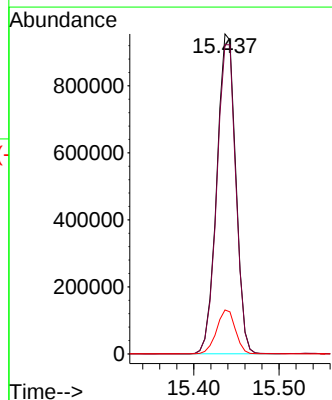
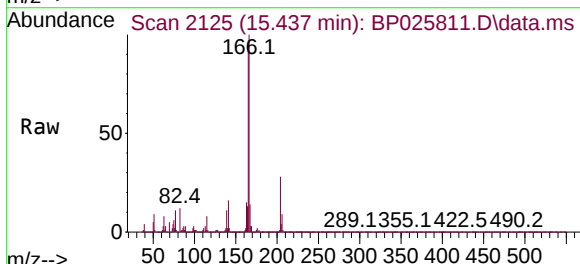
Instrument :
BNA_P
ClientSampleId :
PB169751BS

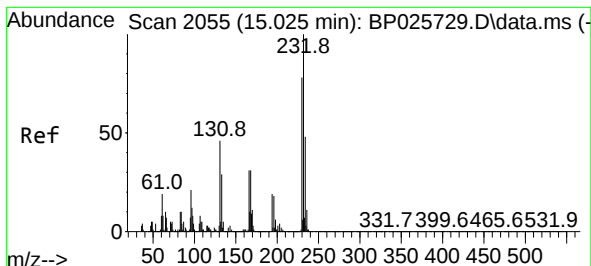
Tgt Ion:165 Resp: 497072
Ion Ratio Lower Upper
165 100
63 45.7 37.7 56.5
89 69.3 61.0 91.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 39.890 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:166 Resp: 1472687
Ion Ratio Lower Upper
166 100
165 96.6 77.7 116.5
167 13.7 10.6 16.0

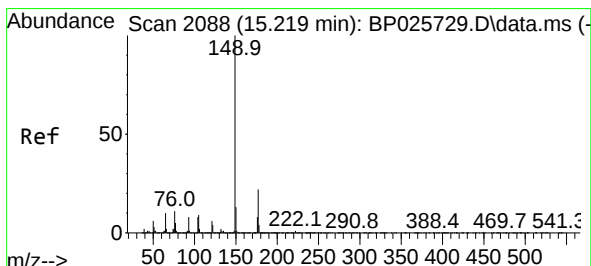
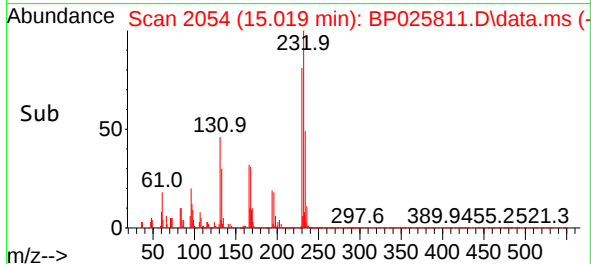
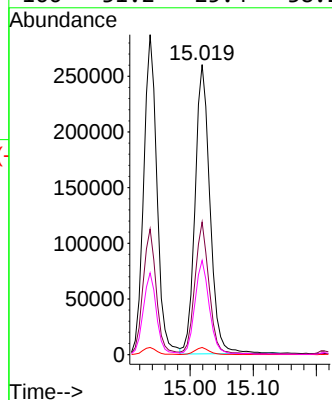
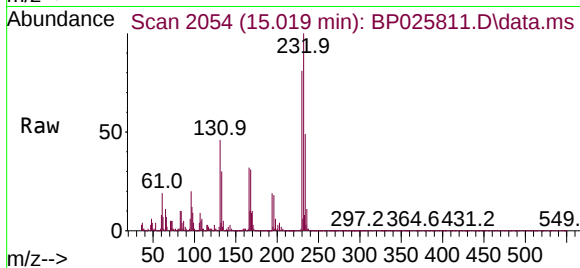




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.405 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

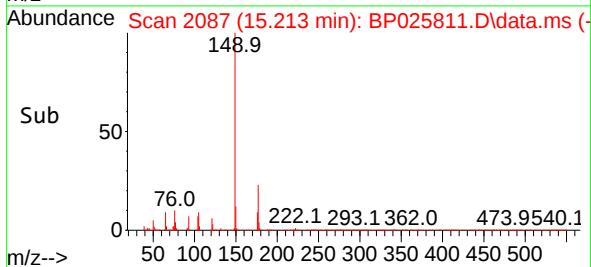
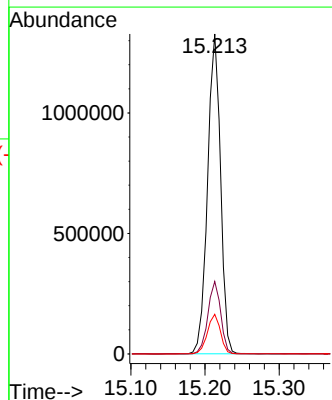
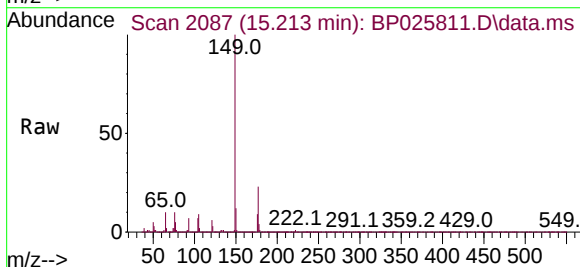
Instrument :
BNA_P
ClientSampleId :
PB169751BS

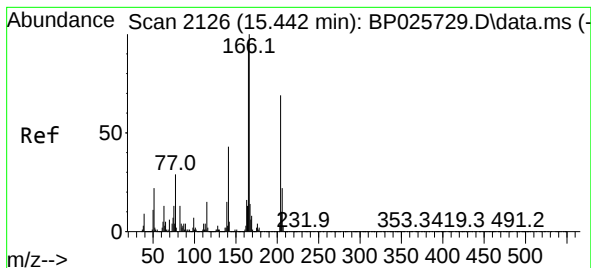
Tgt Ion:232 Resp: 426554
Ion Ratio Lower Upper
232 100
131 43.6 36.7 55.1
130 2.4 2.0 3.0
166 31.2 25.4 38.2



#60
Diethylphthalate
Concen: 40.240 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:149 Resp: 1607498
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.4 10.0 15.0

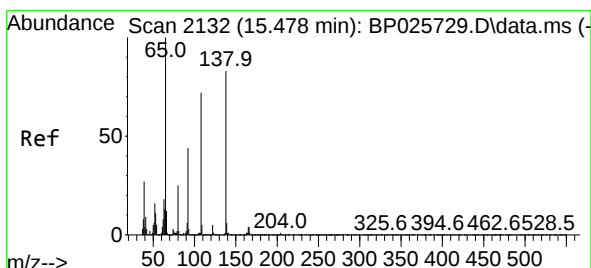
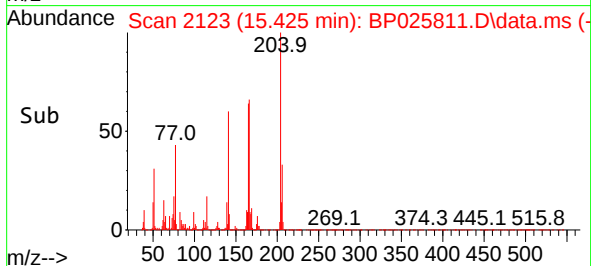
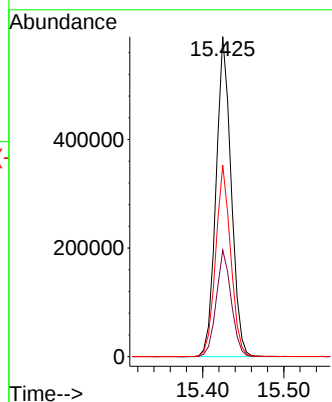
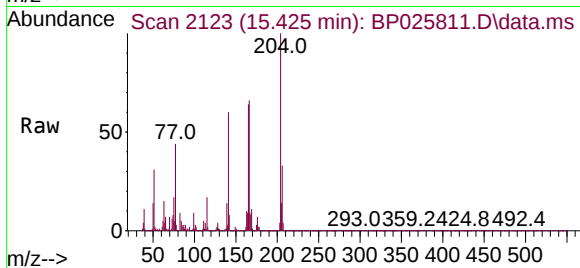




#61
4-Chlorophenyl-phenylether
Concen: 40.930 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

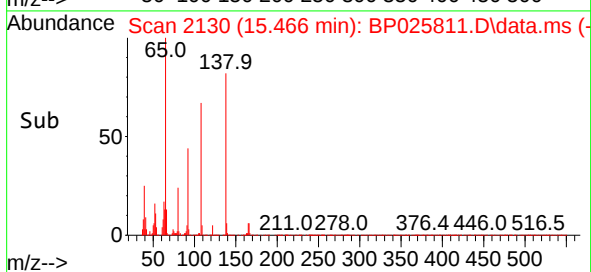
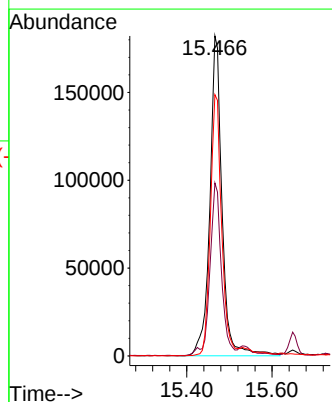
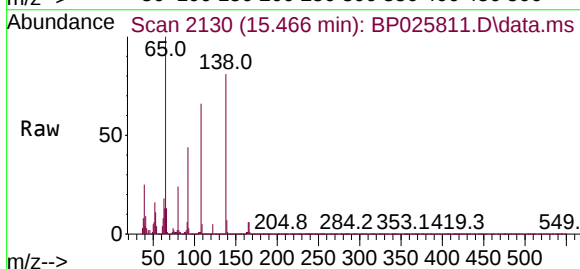
Instrument :
BNA_P
ClientSampleId :
PB169751BS

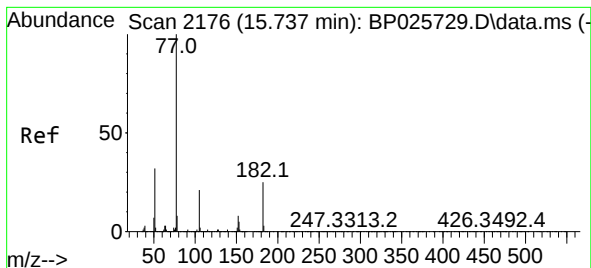
Tgt Ion:204 Resp: 761543
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 59.8 49.7 74.5



#62
4-Nitroaniline
Concen: 40.367 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:138 Resp: 362845
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 81.6 66.7 106.7





#63

Azobenzene

Concen: 40.407 ng

RT: 15.725 min Scan# 2174

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

Tgt Ion: 77 Resp: 1560760

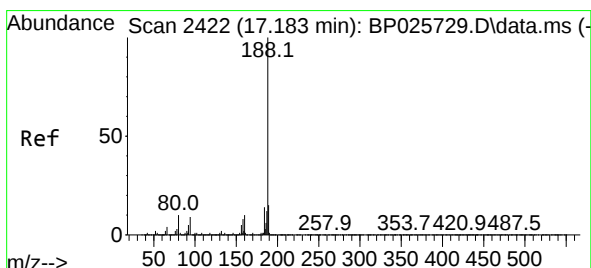
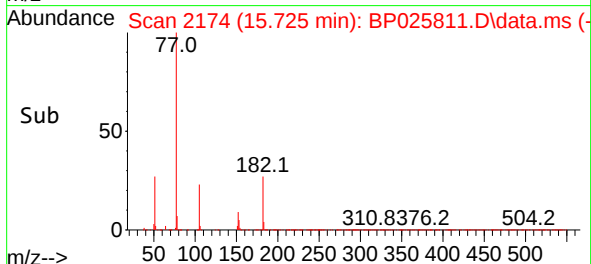
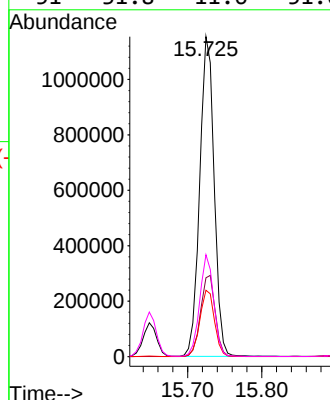
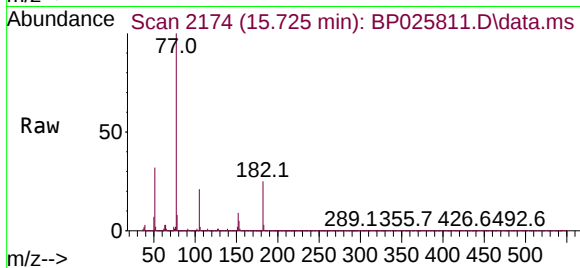
Ion Ratio Lower Upper

77 100

182 24.6 5.2 45.2

105 20.7 1.1 41.1

51 31.8 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

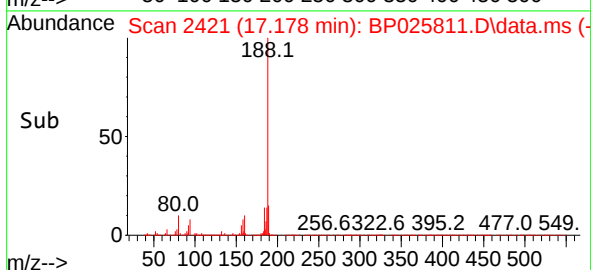
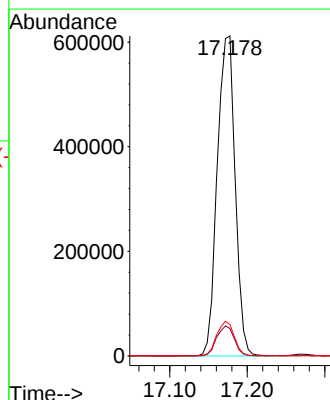
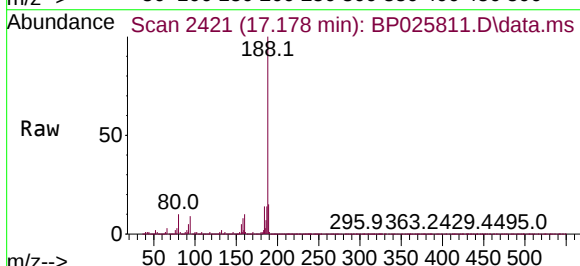
Tgt Ion:188 Resp: 982506

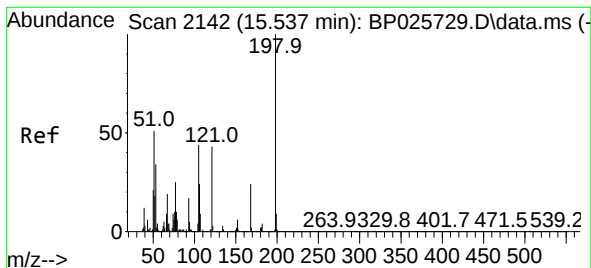
Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 9.8 7.7 11.5

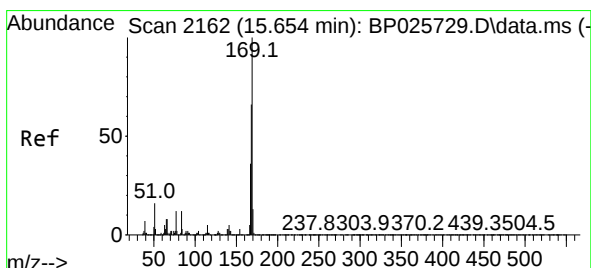
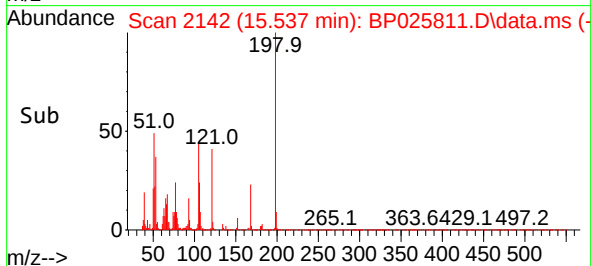
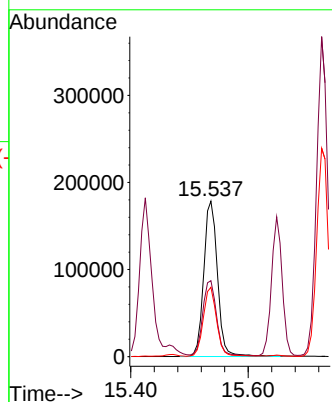
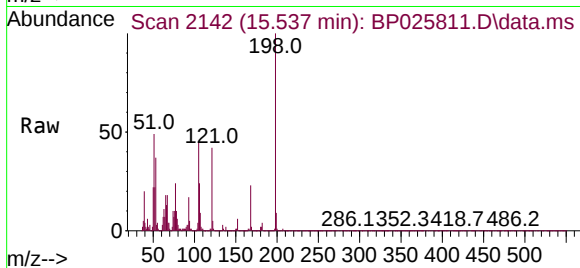




#65
4,6-Dinitro-2-methylphenol
Concen: 44.357 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

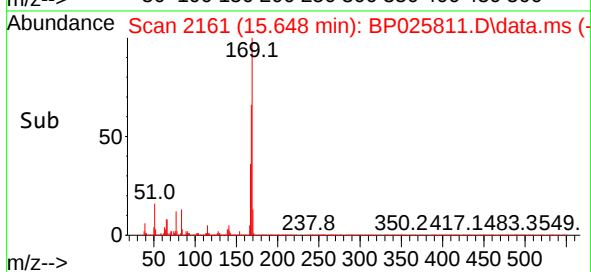
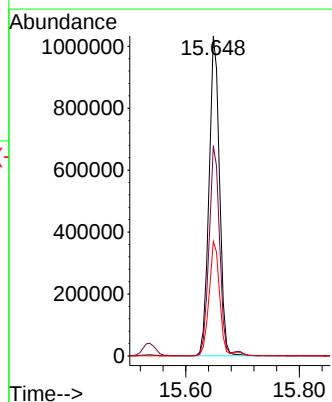
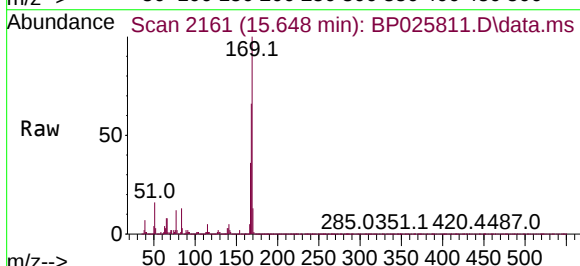
Instrument :
BNA_P
ClientSampleId :
PB169751BS

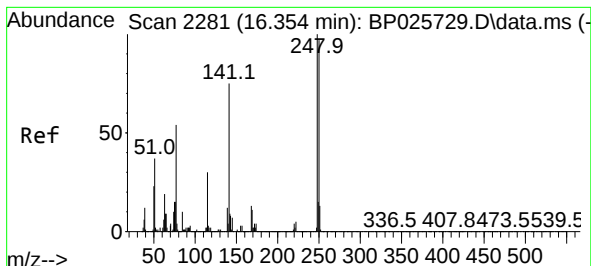
Tgt Ion:198 Resp: 289829
Ion Ratio Lower Upper
198 100
51 48.8 33.4 73.4
105 44.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 44.244 ng
RT: 15.648 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:169 Resp: 1330287
Ion Ratio Lower Upper
169 100
168 65.7 52.6 78.8
167 35.8 28.5 42.7

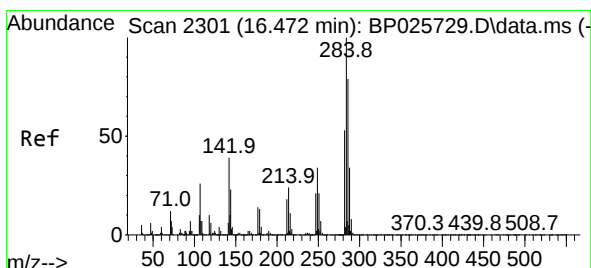
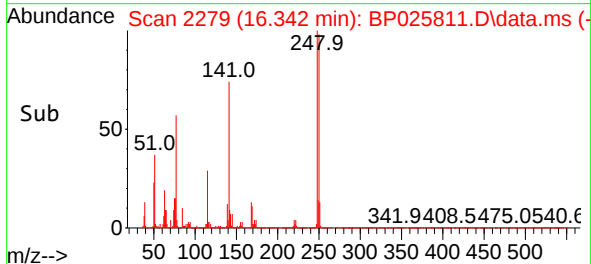
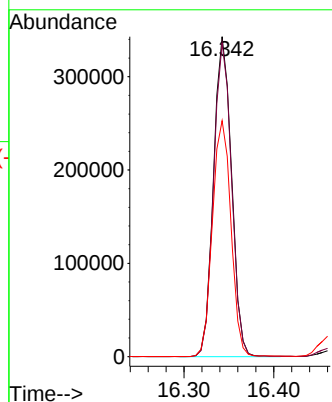
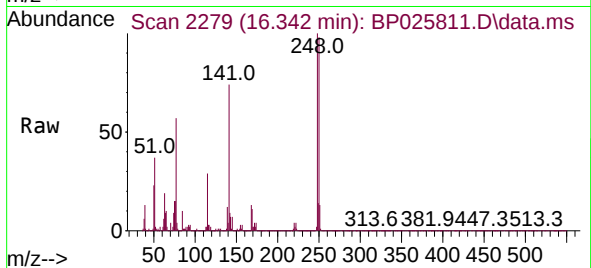




#67
4-Bromophenyl-phenylether
Concen: 44.559 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

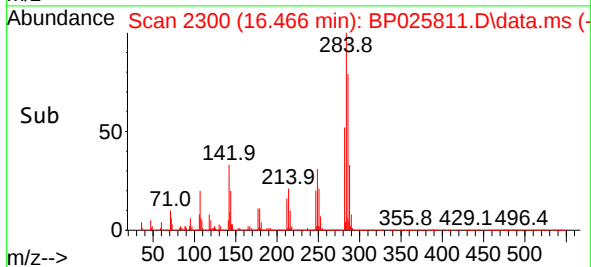
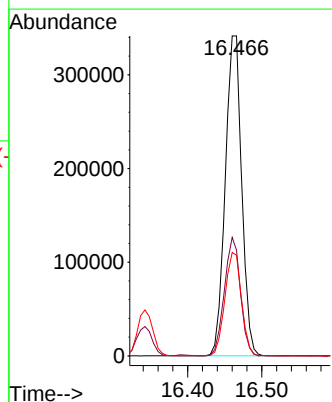
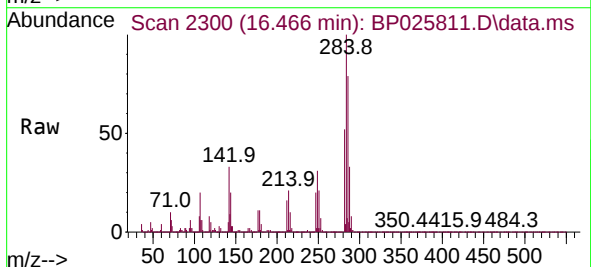
Instrument :
BNA_P
ClientSampleId :
PB169751BS

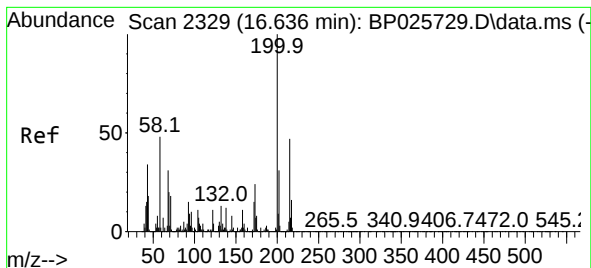
Tgt Ion:248 Resp: 480960
Ion Ratio Lower Upper
248 100
250 98.0 77.5 116.3
141 73.7 60.2 90.4



#68
Hexachlorobenzene
Concen: 43.633 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:284 Resp: 525199
Ion Ratio Lower Upper
284 100
142 33.0 31.3 46.9
249 31.5 27.3 40.9





#69

Atrazine

Concen: 41.077 ng

RT: 16.631 min Scan# 2329

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

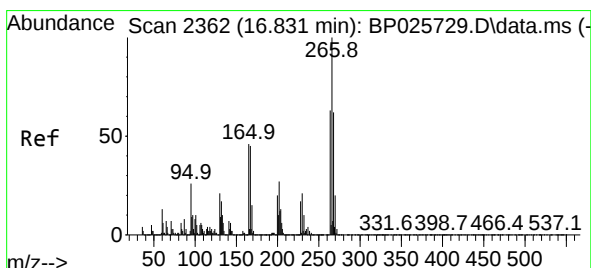
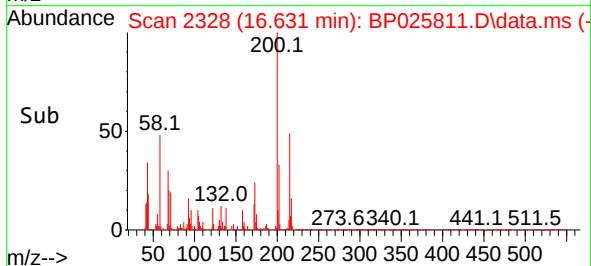
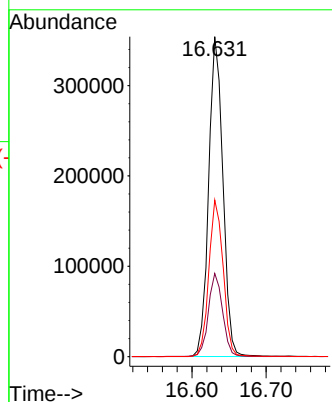
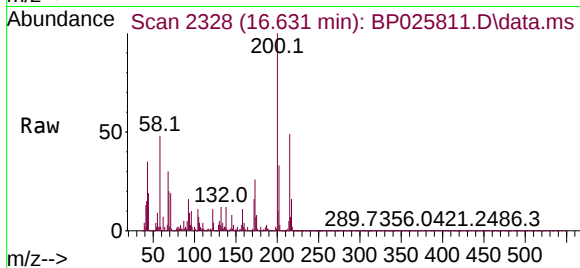
Tgt Ion:200 Resp: 472104

Ion Ratio Lower Upper

200 100

173 26.0 4.2 44.2

215 48.9 27.3 67.3



#70

Pentachlorophenol

Concen: 82.007 ng

RT: 16.825 min Scan# 2361

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

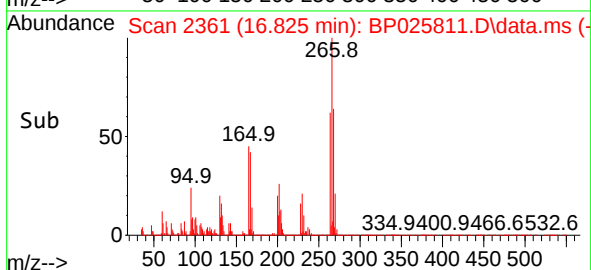
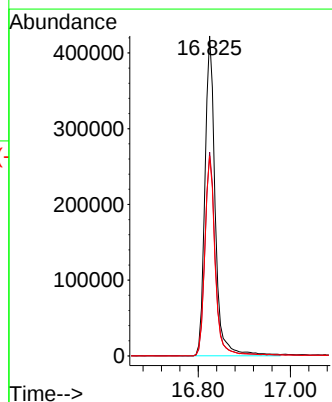
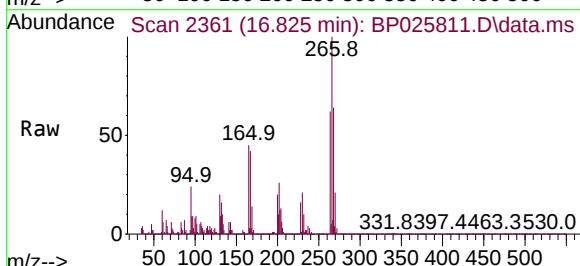
Tgt Ion:266 Resp: 651481

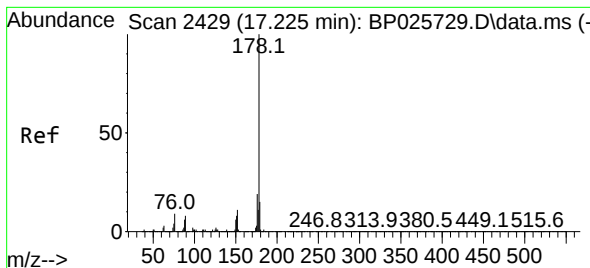
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.8

264 62.5 50.2 75.2





#71

Phenanthrene

Concen: 41.662 ng

RT: 17.219 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

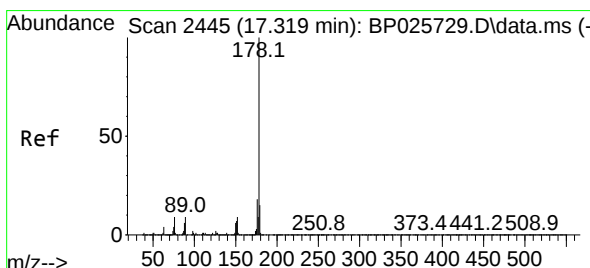
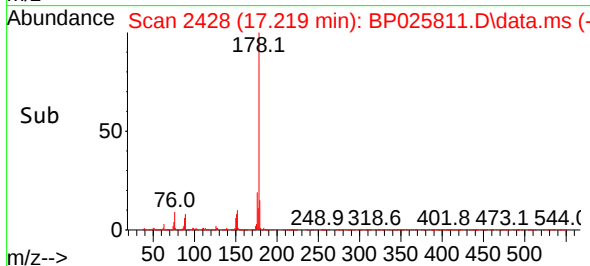
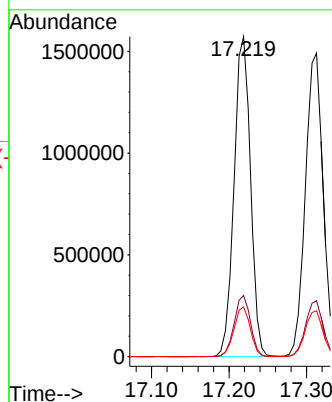
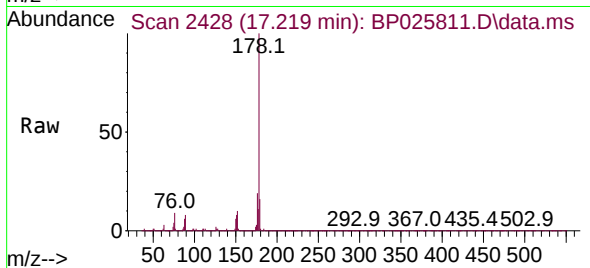
Tgt Ion:178 Resp: 2321967

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 41.929 ng

RT: 17.313 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

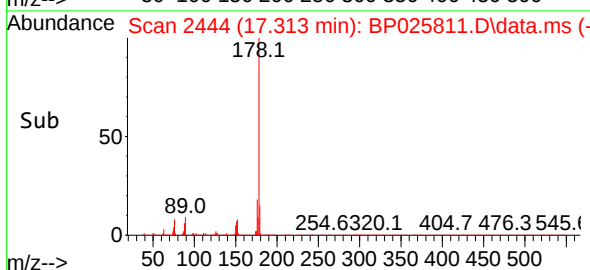
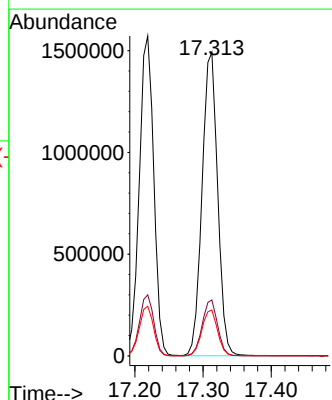
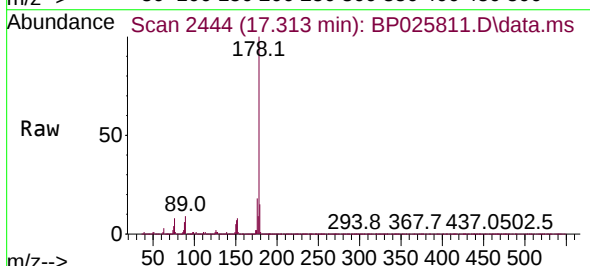
Tgt Ion:178 Resp: 2371018

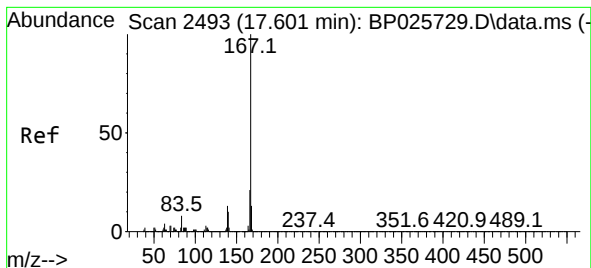
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.1 12.2 18.4





#73

Carbazole

Concen: 41.116 ng

RT: 17.589 min Scan# 2491

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

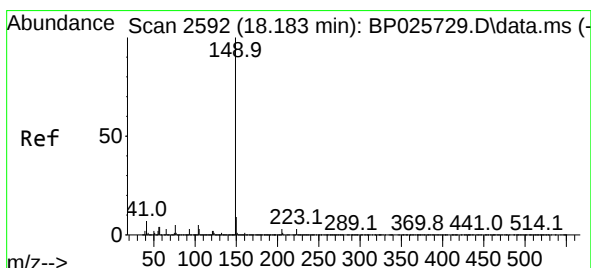
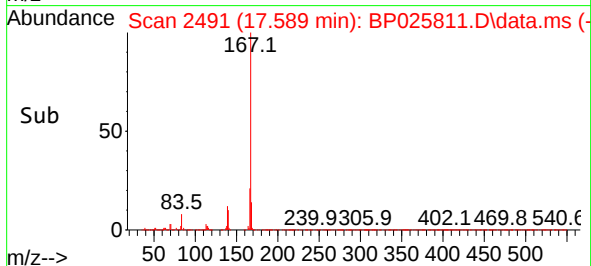
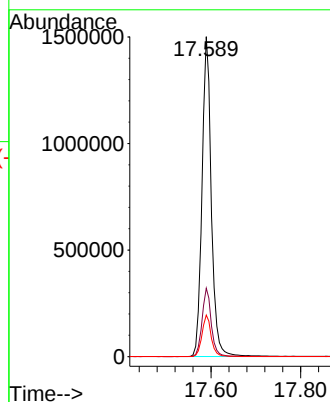
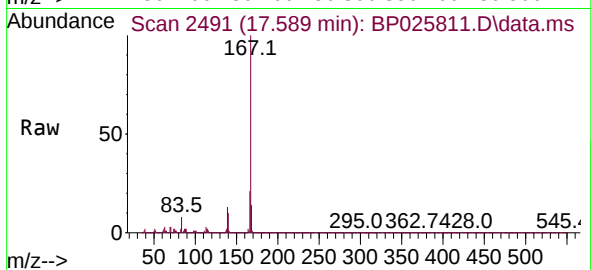
Tgt Ion:167 Resp: 2161597

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 13.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.270 ng

RT: 18.178 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

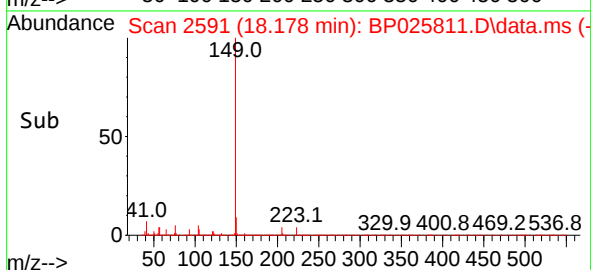
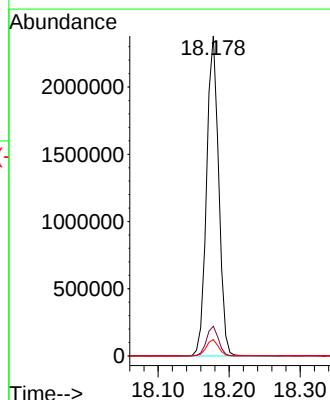
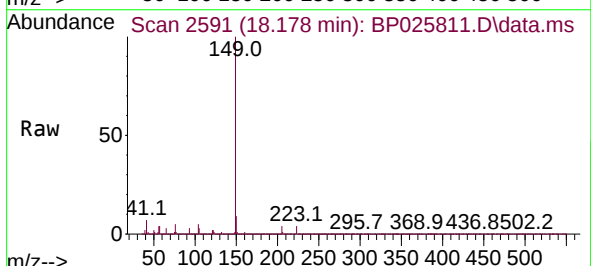
Tgt Ion:149 Resp: 2791674

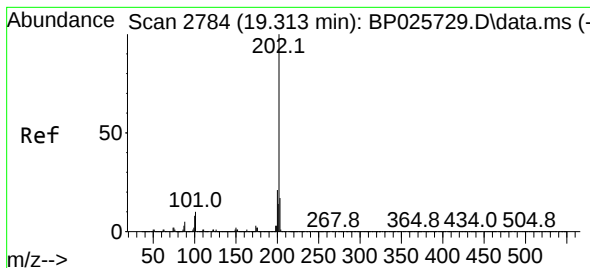
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 38.712 ng

RT: 19.313 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

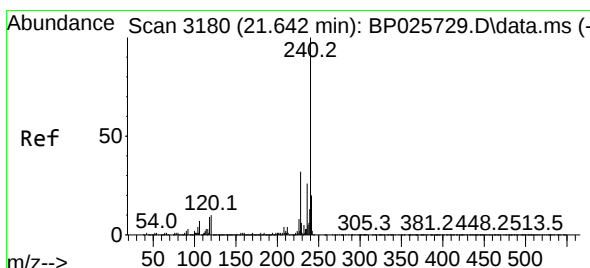
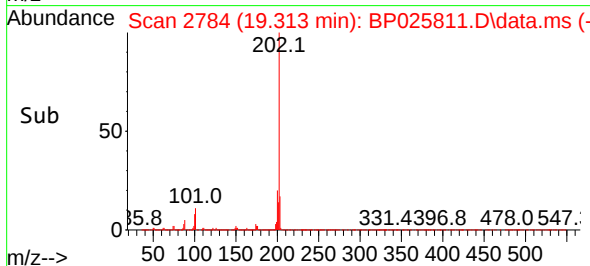
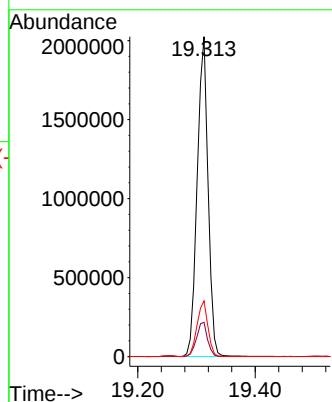
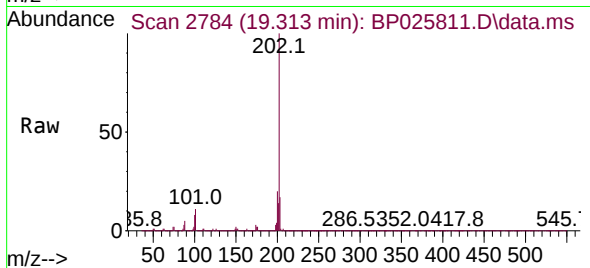
Tgt Ion:202 Resp: 2587602

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.4

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.018 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

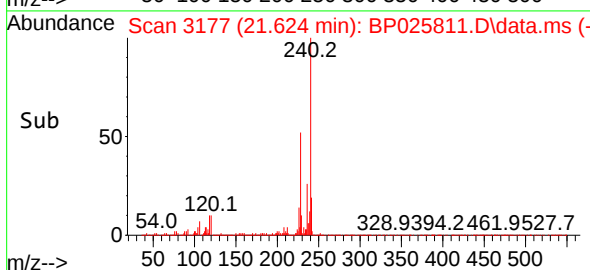
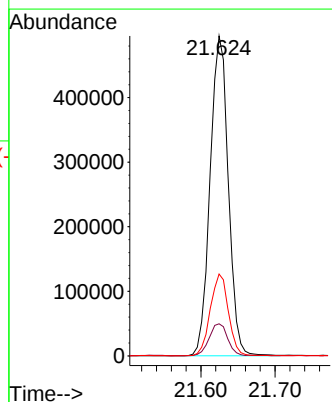
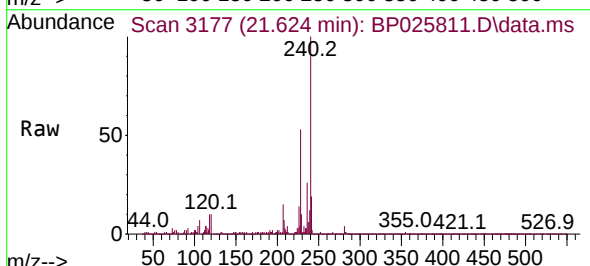
Tgt Ion:240 Resp: 846204

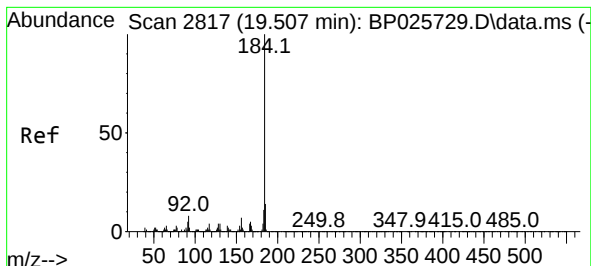
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

236 25.6 20.7 31.1





#77

Benzidine

Concen: 36.818 ng

RT: 19.507 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

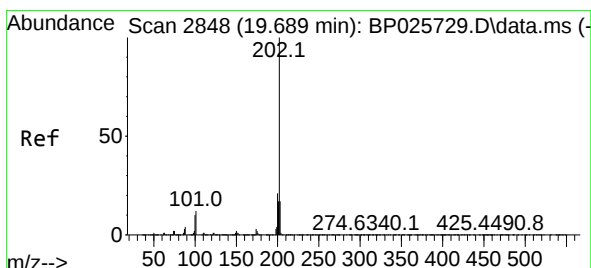
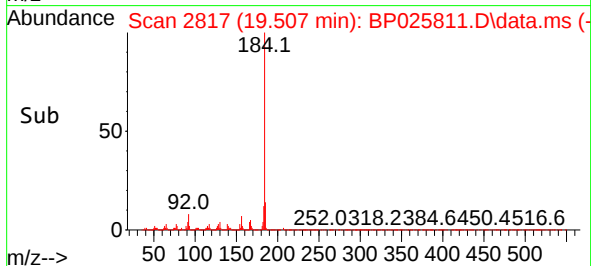
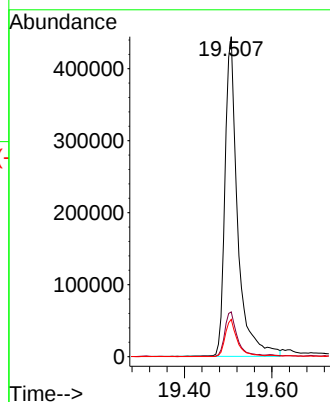
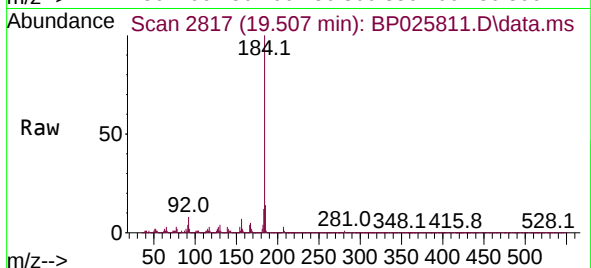
Tgt Ion:184 Resp: 897448

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.6 9.2 13.8



#78

Pyrene

Concen: 47.346 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

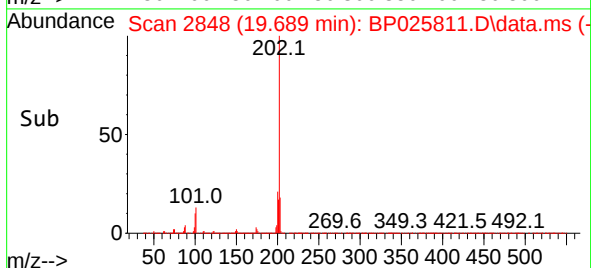
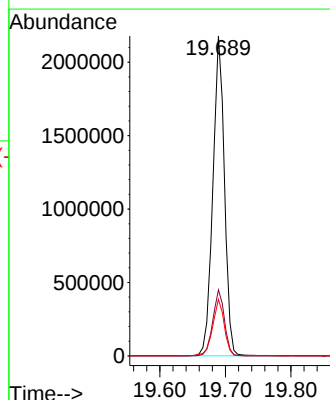
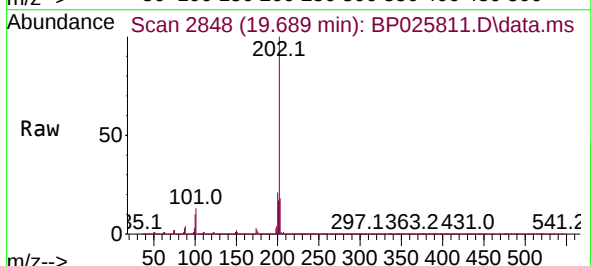
Tgt Ion:202 Resp: 2673282

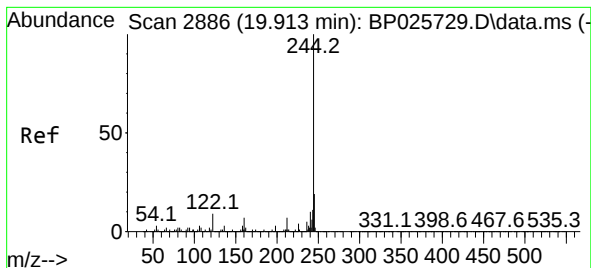
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 81.665 ng

RT: 19.901 min Scan# 2886

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

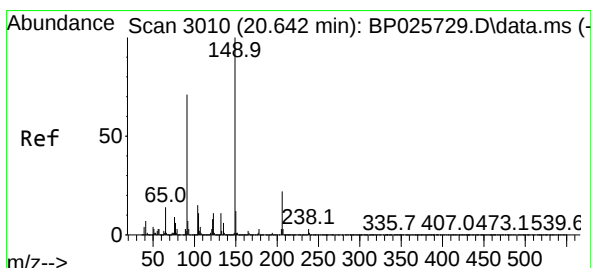
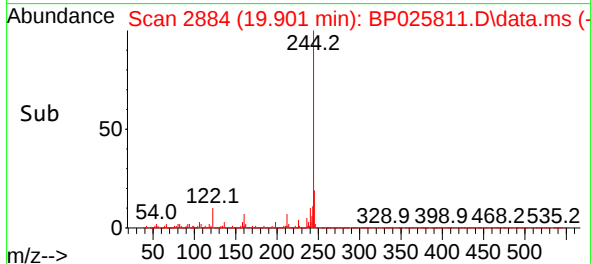
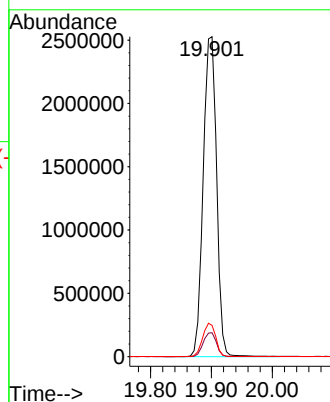
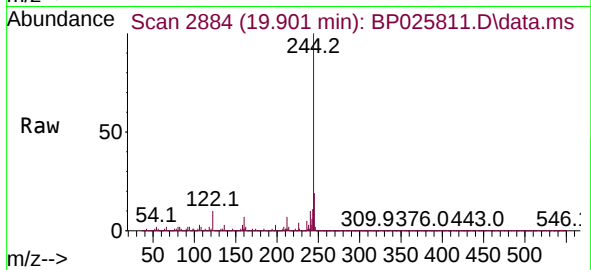
Tgt Ion:244 Resp: 3841340

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.8 7.1 10.7



#80

Butylbenzylphthalate

Concen: 47.721 ng

RT: 20.624 min Scan# 3007

Delta R.T. -0.018 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

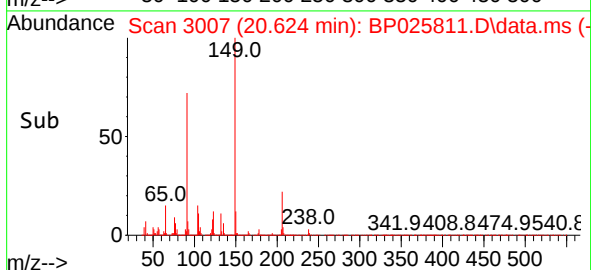
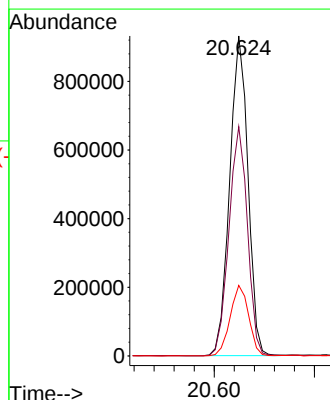
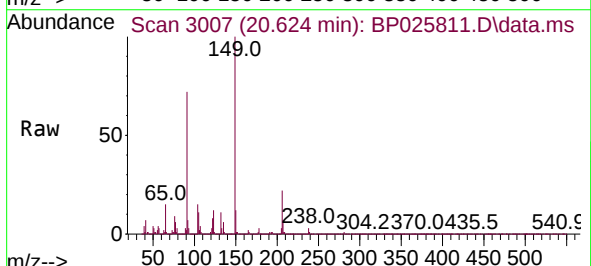
Tgt Ion:149 Resp: 1181432

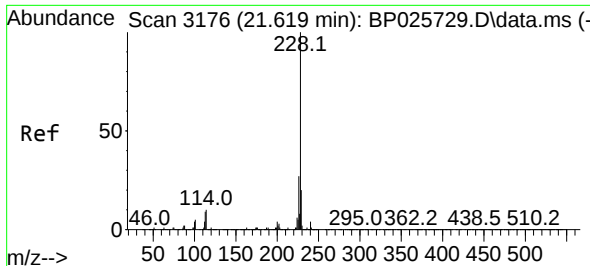
Ion Ratio Lower Upper

149 100

91 71.6 56.6 85.0

206 22.0 17.4 26.0

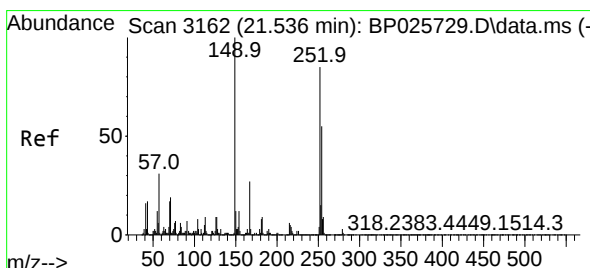
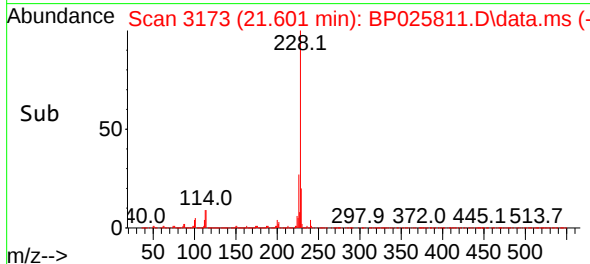
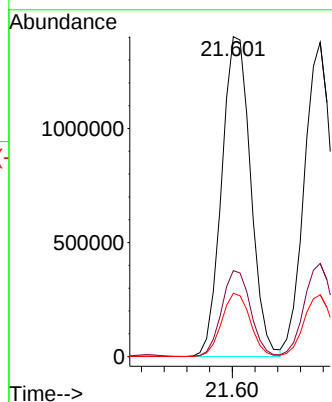
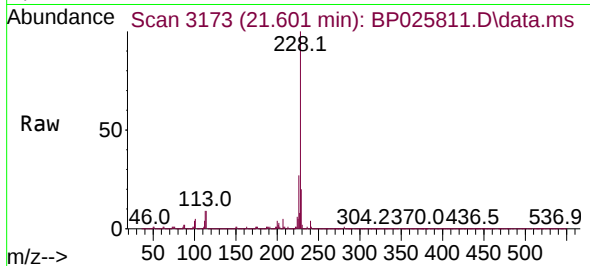




#81
Benzo(a)anthracene
Concen: 42.783 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

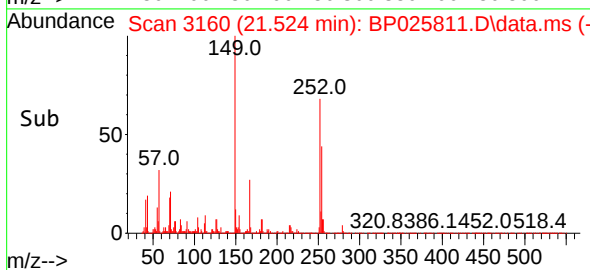
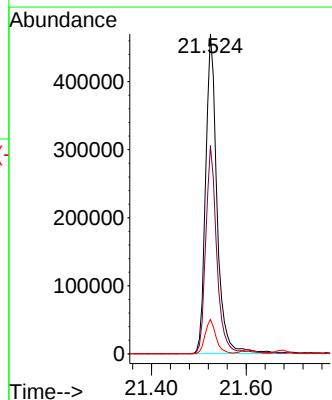
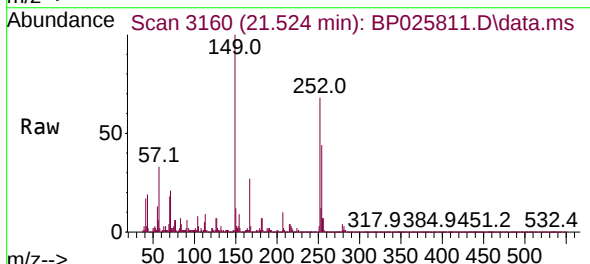
Instrument :
BNA_P
ClientSampleId :
PB169751BS

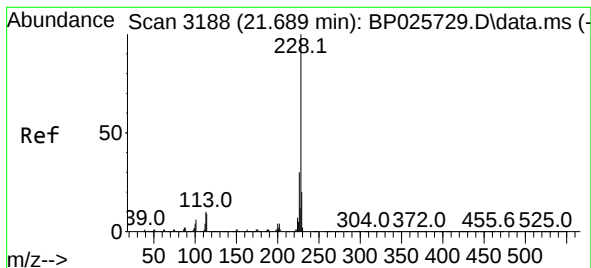
Tgt Ion:228 Resp: 2478490
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.151 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:252 Resp: 784250
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 10.8 8.3 12.5





#83

Chrysene

Concen: 42.689 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

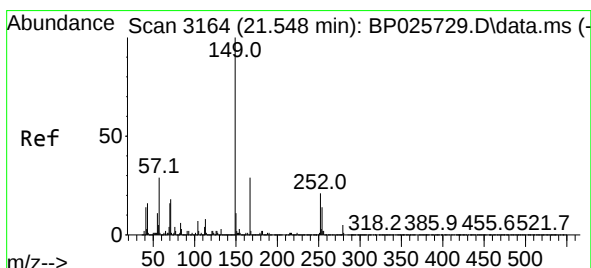
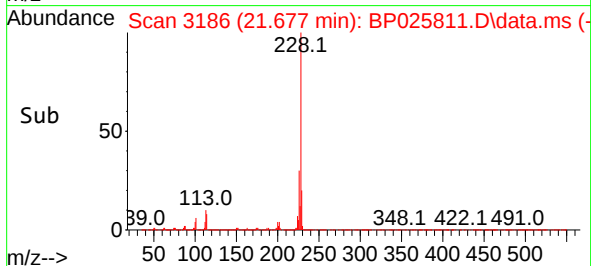
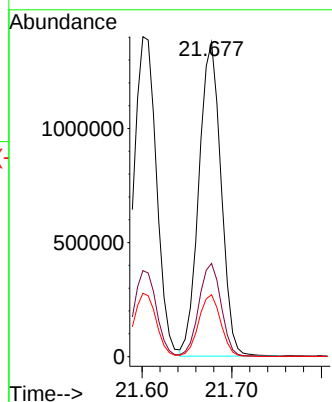
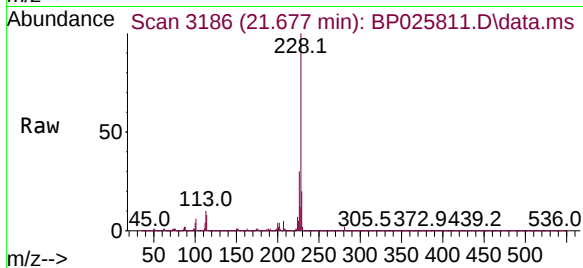
Tgt Ion:228 Resp: 2357492

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.379 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

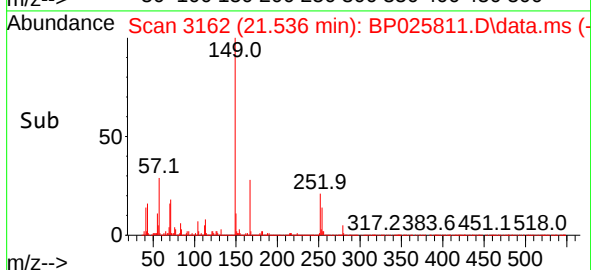
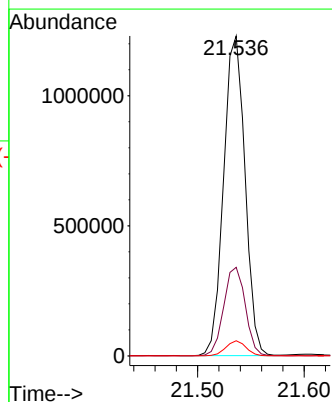
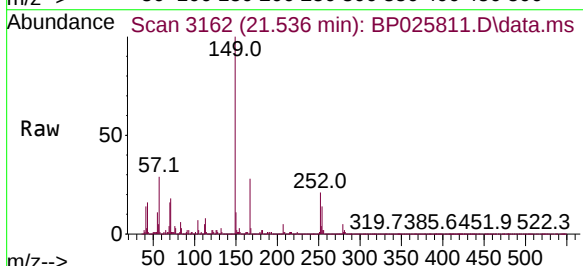
Tgt Ion:149 Resp: 1716081

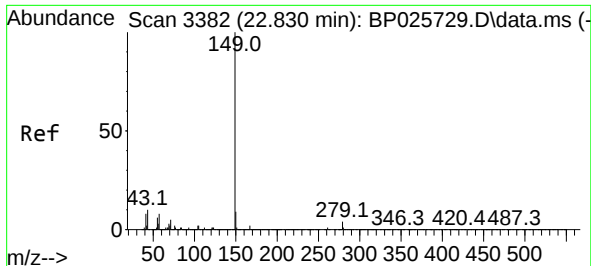
Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

279 4.8 3.8 5.8

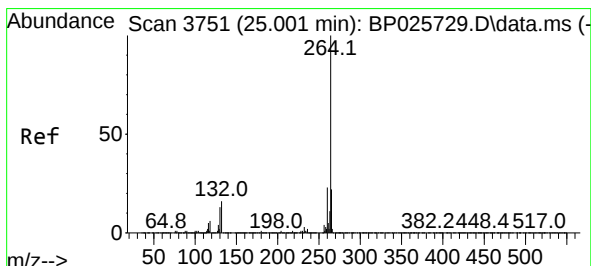
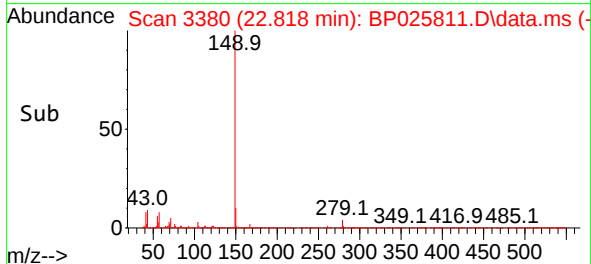
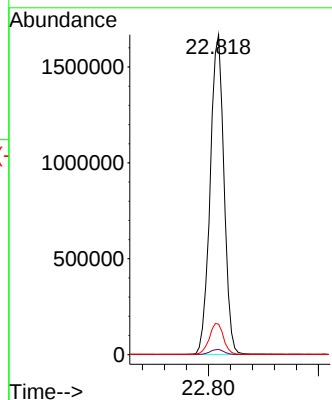
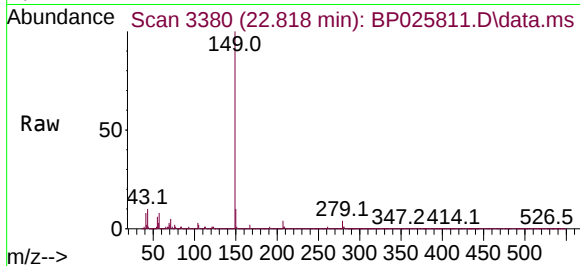




#85
Di-n-octyl phthalate
Concen: 44.941 ng
RT: 22.818 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

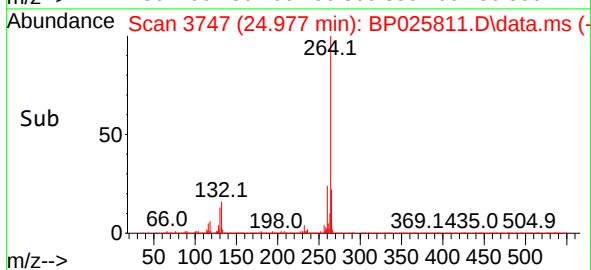
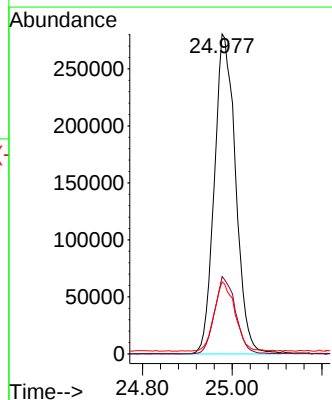
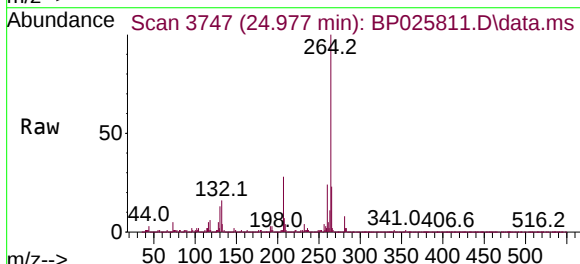
Instrument :
BNA_P
ClientSampleId :
PB169751BS

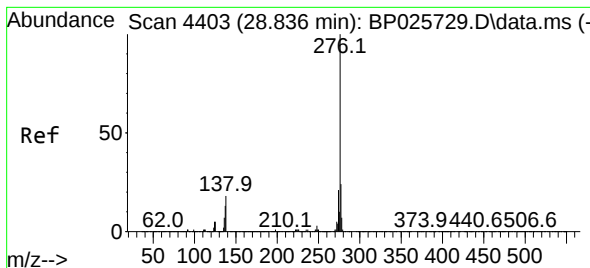
Tgt Ion:149 Resp: 2895502
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3747
Delta R.T. -0.024 min
Lab File: BP025811.D
Acq: 22 Sep 2025 13:31

Tgt Ion:264 Resp: 924160
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 22.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.461 ng

RT: 28.824 min Scan# 4403

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

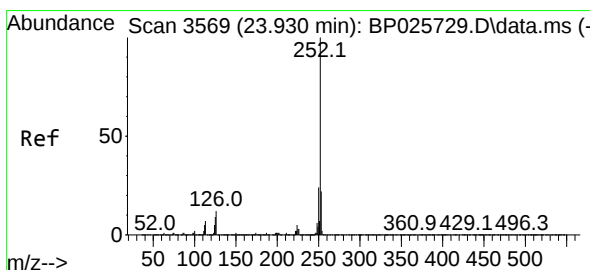
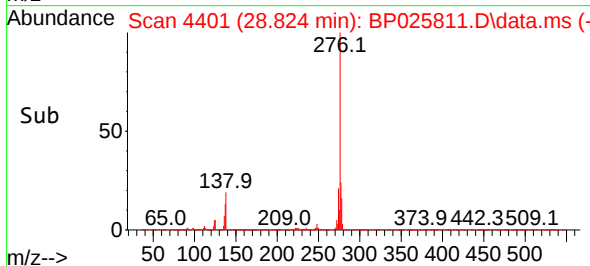
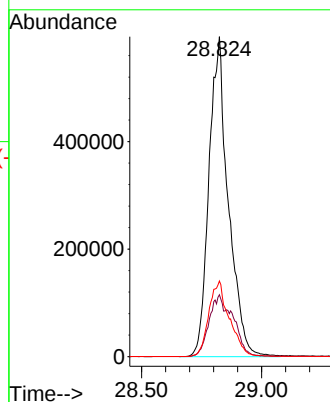
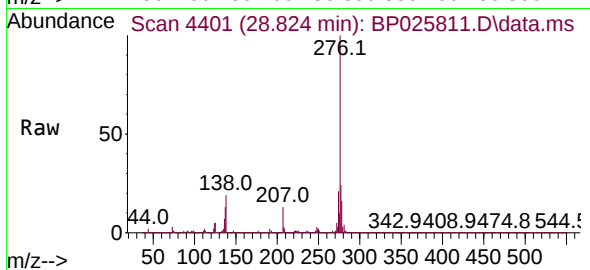
Tgt Ion:276 Resp: 3324095

Ion Ratio Lower Upper

276 100

138 23.9 13.4 20.2#

277 25.1 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 44.876 ng

RT: 23.918 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

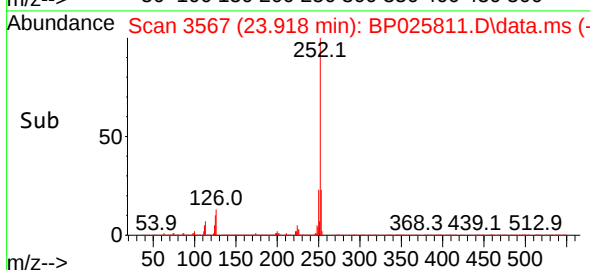
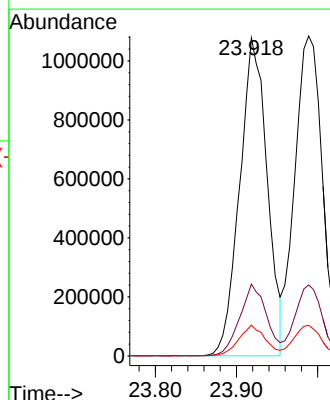
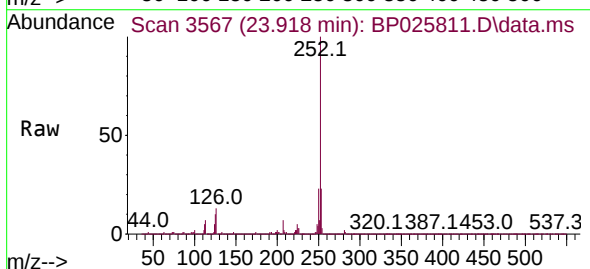
Tgt Ion:252 Resp: 2536133

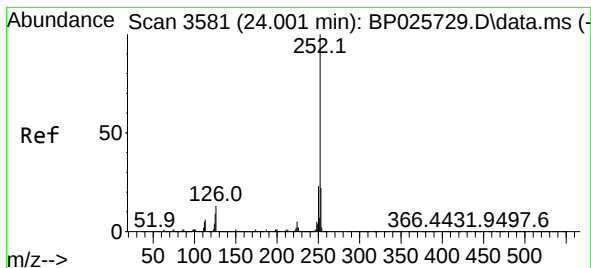
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 9.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 44.652 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

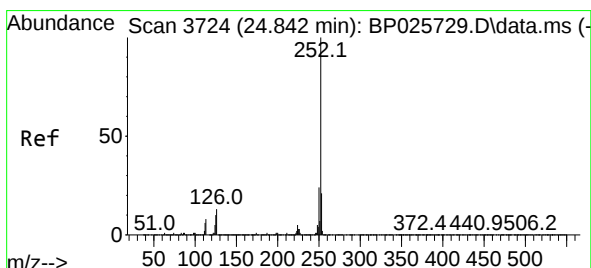
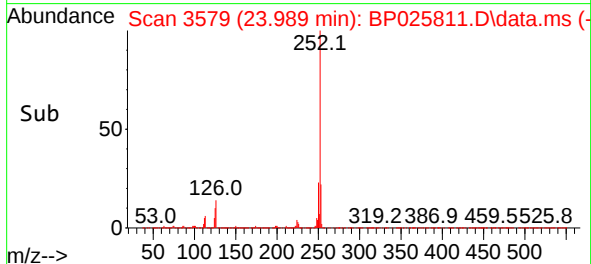
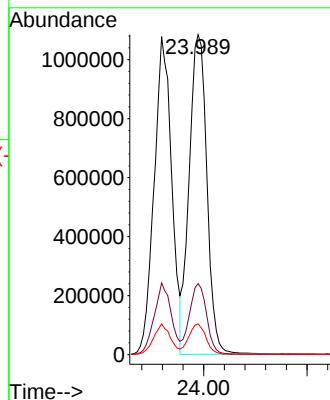
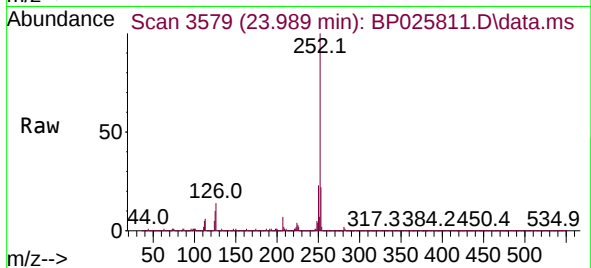
Tgt Ion:252 Resp: 2575014

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.470 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

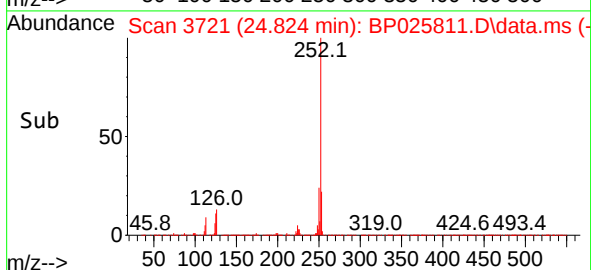
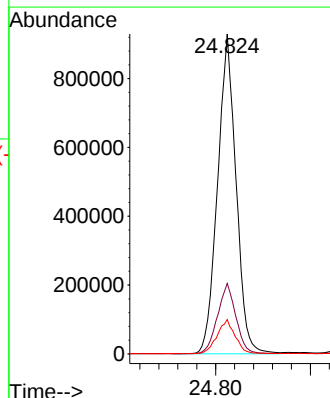
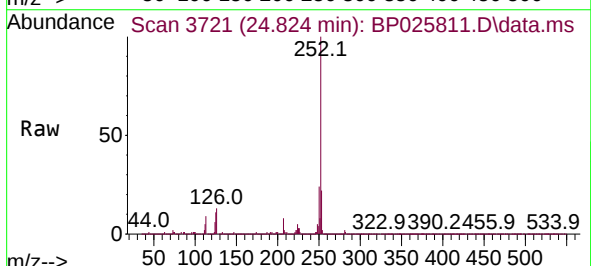
Tgt Ion:252 Resp: 2516528

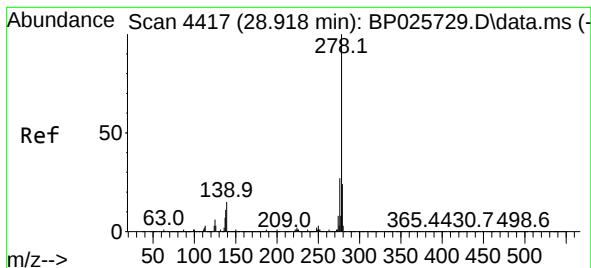
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.771 ng

RT: 28.871 min Scan# 4417

Delta R.T. -0.047 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB169751BS

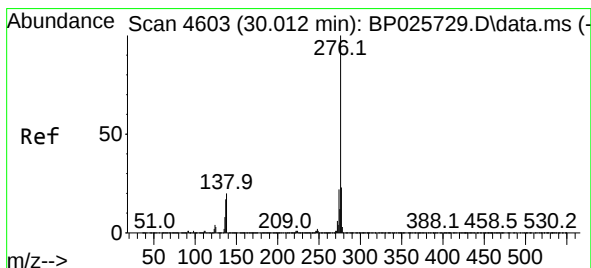
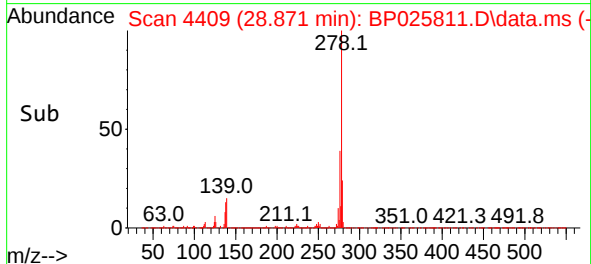
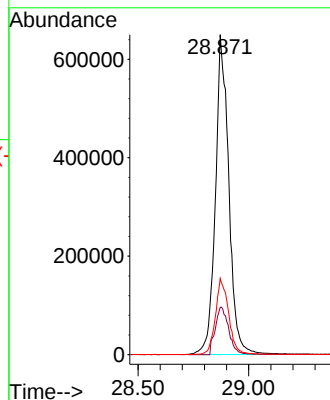
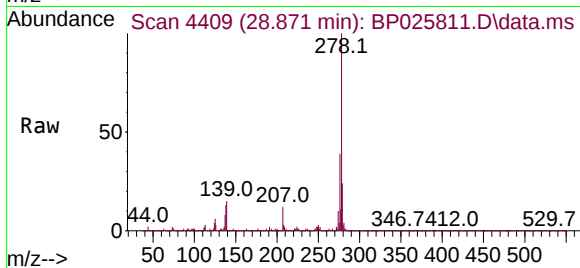
Tgt Ion:278 Resp: 2737297

Ion Ratio Lower Upper

278 100

139 14.8 12.1 18.1

279 23.8 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 50.329 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.006 min

Lab File: BP025811.D

Acq: 22 Sep 2025 13:31

Tgt Ion:276 Resp: 2722122

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 20.2 16.0 24.0

